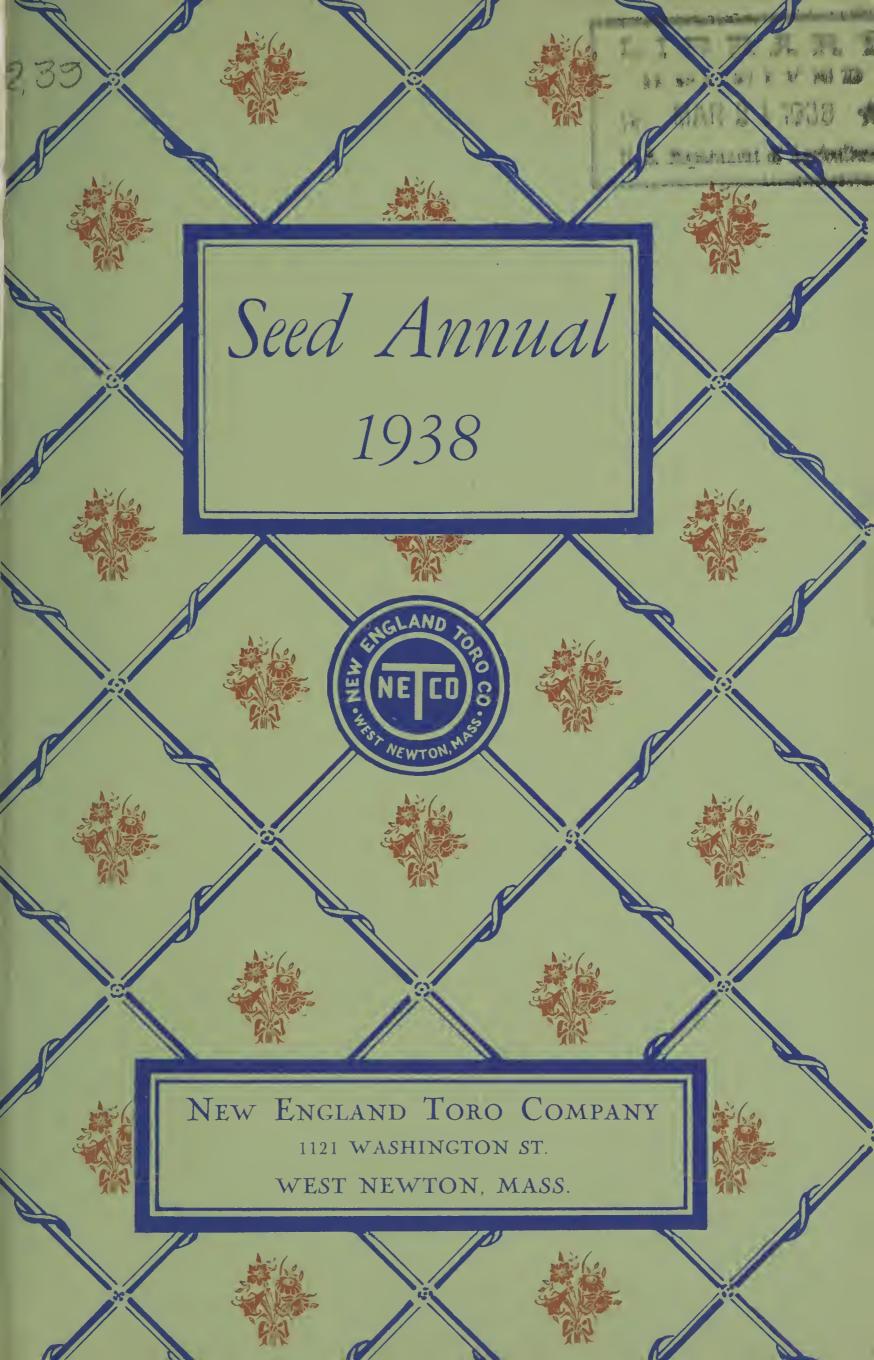
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SIXTEEN years in this business doesn't mean anything in itself, but when we can say that during that period we have held as customers those who first bought our goods, that our growth during those years has been of a steady, continuous character, and that our customers are among the highest class business men and specialists in their profession, we believe we are justified in making this statement that we have the confidence of our customers.

We can retain this confidence only by continuing our policy of supplying high-grade products at fair prices and backing these with our "Satisfaction or Money Refunded" guarantee.

Our repair shop is fully equipped to repair and sharpen all makes of lawn mowers and tractors.

The Management







# Seeds, Bulbs, Plants... and Garden Supplies

Our first aim is and will be to supply only goods of the very best quality and if you have not been a customer in the past, we respectfully ask to be favored with your inquiries. We feel sure that a trial order will convince you of the excellence of our stocks.

Our service, together with our high quality of stock, is constantly growing in favor and on these standards we aim to increase our business and merit a continuance of your confidence.

Our terms are NET CASH WITHIN 30 DAYS FROM DATE OF INVOICE) 6% interest will be charged from date of invoice on all accounts not paid within that period.

ALL PRICES ARE F. O. B. SHIPPING POINT UNLESS OTHERWISE STATED.

No discounts or deductions of any kind are allowed.

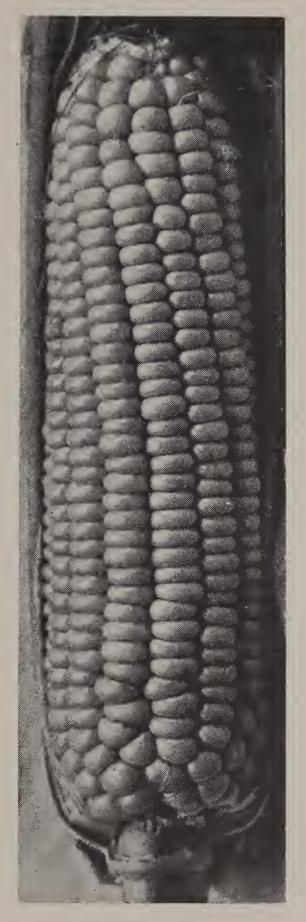
Please be careful to state proper address for the mailing of invoices so that mistakes may be avoided.

No salesman or other employee has authority to change or modify these conditions in any way.

Owing to the very frequent fluctuations in the market all prices are subject to change without notice.

We give no warranty, expressed or implied, as to quality, description, productiveness, or any other matter of any Seeds, Bulbs or Plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they must at once be returned.

Price for any equipment not shown in this catalog will be furnished on request. Prices quoted are subject to change, without notice, and are F. O. B. shipping point.



Golden Rod Sweet Corn

Phones:
West Newton 1658
Newton North 7900

FREE DELIVERY. We prepay carriage charges anywhere in the United States on all Flower Seeds, and on Vegetable Seeds offered at the packet, ounce and quarter pound rates. All other Vegetable Seeds, Field Seeds, Grass Seeds, Bulbs, Plants, Insecticides, Fertilizers, Garden Tools and Sundries are forwarded at the purchaser's expense.

## RECLEANED BIRD SEEDS, PET SUPPLIES, ETC.

If Bird Seeds, etc., are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 15c. for 5 lbs.; 20c for 10 lbs.

Bird Manna. Keeps Canary birds in prime condition and prevents the loss of song. Pkg., 15c.

Broken Rice. Per lb., 15c.; 50c. per 5 lbs.; 10 lbs., 85c; \$1.50 per 25 lbs.; 50 lbs., \$2.80; \$4.50 per 100 lbs.

Buckwheat. Per qt., 15c.; 45c. per 4 qts.; pk., 75c.; \$2.00 per bu.

Canada Peas. Per qt., 25c.; 75c. per 4 qts.; pk., \$1.00; \$3.50 per bu.

Canary Seed (Plain Sicily). Recleaned and of splendid quality. Per lb., 15c.; \$3.25 per 25 lbs.

Canary Seed (Mixed). A mixture of the finest quality and in proper proportions. Per lb., 15c.; \$3.25 per 25 lbs.

Charcoal. Two grades, fine and coarse. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.00; \$3.50 per 100 lbs.

Cracked Corn. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; 100 lbs., \$3.00.

Cuttle Fish Bone. Good for digestion and general health. Each, 5c.; 20c. per 1/4 lb.; per lb., 60c.

Cuttle Fish Bone. With holder for fastening to cage. 10c. each.

Hemp Seed. Birds are very fond of this seed; it is rich and should be fed with discretion. Lb., 10c.; \$2.50 per 25 lbs.

Hulled Oats. 5 lbs., 30c.; \$1.35 per 25 lbs.; 50 lbs., \$2.50; \$4.50 per 100 lbs.

Kaffir Corn. Per lb., 15c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.25 per 25 lbs.; 50 lbs., \$2.25; \$4.00 per 100 lbs.

Linseed Meal. Lb., 20c.; 75c. per 5 lbs.; 10 lbs., \$1.00; \$2.00 per 25 lbs.; 100 lbs., \$6.00.

Lettuce Seed. A slight sprinkle of this is much relished by canaries. Oz., 10c.; 1/4 lb., 20c.; 50c. per lb.

Maw Seed. Calculated to improve the song of canaries, etc. Lb., 30c.; \$1.25 per 5 lbs.

Millet Seed. Recleaned seed; nutritious and appetizing. Lb., 15c.; 5 lbs., 60c.; 10 lbs., \$1.00.

Rape Seed. Will keep the birds in excellent condition; feed with canary seed. Lb., 15c.; 5 lbs., 70c.; 10 lbs., \$1.25; \$2.50 per 25 lbs.

Sand. For bird cages. Fine. Pkg., 15c.; \$1.25 per doz. pkgs.

Sand. Silver, fine. Pkg., 10c.; \$1.00 per dozen pkgs. Sand or Gravel. Silver, coarse; for parrots' cages. 15c. per pkg.; doz. pkgs., \$1.25.

Song Restorer. For canaries, 25c. per bottle; doz., \$2.50.

Spratt's Sing Song. A tonic and song restorer. Pkg., 10c.

Sunflower Seed. We are handlers of this important food for parrots. Our customers may depend upon

getting a very choice article. 15c. per lb.; 3 lbs., 40c.; 65c. per 5 lbs.; 10 lbs., \$1.25; \$3.00 per 25 lbs.

Thistle Seed. Per  $\frac{1}{2}$  lb., 20c.; 35c. per lb.; 5 lbs., \$1.50; \$2.50 per 10 lbs.

Unhulled Rice. Lb., 20c.; 5 lbs., 75c.; 10 lbs., \$1.40.

Tobacco Dust. For dusting on roosts, nests, etc., to keep away vermin; 5 lbs. for 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.50.

Tobacco Stems. For making nests, etc., 1 lb., 10c.; 30c. for 5 lbs.; 10 lbs., 50c.; \$1.00 per 25 lbs.; large bales of about 250 lbs., at 2c. per lb.; per  $\frac{1}{2}$  ton, \$15.00; \$27.50 per ton.



Carbola. An improvement on whitewash, combining the features of a cold water paint and disinfectant; will not rub or chip; not a lime product. 60c. per 5 lbs.; 10 lbs., \$1.00; \$2.00 per 25 lbs.; 50 lbs., \$3.50.

#### WILD BIRD FOOD

A tempting, clean, wasteless bird food that appeals to wild bird life.

5	16.	bags	;	(	CC	10	1	76	r	ıi	e	n	t		si	Z	e)	)								\$0.65
10	lbs.																									1.20
25	lbs.													. ,												2.50
50	lbs.																									4.50
100	lbs.																									8.00

Pigeon Foods. Red Wheat, Kaffir Corn, Cracked Corn, Argentine Corn, Northern Corn, Tick Beans, Spring Vetch or Tares, Maple Peas, Oat Groats. 1 lb., 15c.; 100 lbs., \$12.00.

#### FEED THE BIRDS

They are among our most valuable natural resources. Feed them throughout the year but especially after snowstorms and during cold weather. Attract birds to your garden and thus insure your crops against the ravages of insects.

# Notes on Raising Flower Seeds

ANNUALS (HARDY). Those families which are sown and bloom the first season, the plants dying with the approach of Winter, such as Alyssum, Calliopsis, Candytuft, Centaurea, Mignonette, Nasturtium, Poppy, Sweet Peas, etc. Sow from April to June, the later sowings being confined to rapid-growing annuals only. The ground should be previously prepared by digging, working in a little manure at the same time. The surface should be made level and finely raked. If the weather is dry, give a watering some hours before sowing. Sow thinly and gently press the seed into the earth, covering lightly with finely sifted soil; the very small seeds must have very little covering. Keep the soil moist and shaded until the seedlings are up; the shade can be managed with branches of evergreens or sheets of paper fastened to little stakes. When large enough to handle, thin out freely, leaving space for each plant to develop to its full size. Thinning out is best done during dull, moist weather, or in the evening time. In calculating the distance that should be left between plant and plant, it may be taken as a general rule that plants which attain, when fully grown, a height of 1 foot, require to be thinned out to at least ½ foot apart, and so on.

Many of the hardy annuals may be sown in August and September, for Spring and early Summer flowering, and if the seedlings are boldly thinned out at an early stage they become hardy and robust, producing finer plants and a greater profusion of bloom than when sown in Spring.

Hardy Annuals do not, in most cases, transplant well; they should therefore be sown, where intended to bloom.

Half-hardy Annuals. Slower in growth than the Hardy Annuals. They include Antirrhinum, Aster, Cosmos, Marigold, Salpiglossis, Salvia, Stocks, Verbena, Zinnia, etc. May be sown in March or April, in gentle heat, in pans, shallow boxes, or pots, a light sandy soil being used. Shade from the sun's rays till seedlings are up; this can be done by simply placing a newspaper lightly over them. As soon as the seedlings are large enough to handle, prick off into

shallow boxes, and when strong enough and all danger of frost is over, plant out on to well-prepared ground.

Those who have no convenience for sowing in heat can sow all **Half-hardy Annuals** in the open border middle of May.

**GREENHOUSE FLOWERS** such as **Calceolaria**, **Cineraria**, **Cyclamen**, **Primula**, **etc.** Sow in gentle heat, in pans of loam, leaf soil and sand, in equal parts, placing a piece of glass over the pan and keeping shaded and moist until the seedlings are up; pot these off singly when large enough, and replace in heat, shading and keeping close until established, and pot on as necessary.

PERENNIALS. Those plants which do not usually blossom until the following year after sowing, but continue to flower and increase each year thereafter, many however, will flower the first season from seed if sown in February indoors, and planted out. Some popular perennials are Aquilegla, Delphinium, Digitalis, Gaillardia, Hollyhock, etc. Sow from March to July in pans or in drills on a prepared bed of light, rich soil and keep shaded and moist until the seedlings appear. Prick these out as soon as large enough to handle, into shallow boxes or nursery beds, and when strong enough transplant to permanent situations. Do not allow the seedlings to remain too long in the seed pans or to get starved for want of water.

Hardy Alpines. Seeds of Alpines, rock plants, and all hardy Primulaceae should be sown in pots or pans during early Winter, and after a good watering should be stood outdoors against a north hedge or wall where the soil can get frozen. Then when milder weather sets in, bring the pans into gentle warmth and the seeds will germinate freely. After March it is better to wait and sow the seed in Winter, giving the treatment as recommended above.

BIENNIALS require similar treatment to perennials. They include Campanula, Pansy, Sweet-william, etc. The plants die after the flowering season.



MARIGOLD, French.



#### **COST OF SEED**

The difference in cost of tested and guaranteed seed grown by specialists and the ordinary stock is merely nominal. The outlay for seed is the smallest part of gardening operations; selection, the most important. It costs just as much to grow ordinary stocks as it does for improved and selected strains.

It pays to pay for the best

# FLOWER SEEDS

ANTIRRHINUM. Rustproof California Giant Mixture. Seventy-five per cent of the plants are rust proof. A most excellent mixture of rust proof Antirrhinum similar to the Majestic Grand type containing a wonderful range of the popular colors. Pkt., \$1.00.

, 42.00	
ANTIRRHINUMS. For Greenhouse Use.	Pkt.
Afterglow. A beautiful golden bronze	\$1.00
Ceylon Court. Deep golden yellow	.75
Cheviot Maid Supreme. Beautiful dark pink	1.00
Indian Summer. Rich glossy copper	1.00
Jennie Schneider. Salmon pink	1.00
Peerless Pink. Cameo pink	.50
Rocks White. Pure white	.75
Roman Gold. Rich old gold	1.00
Rose Queen. Large rose	1.00
Silver Pink. Pearly pink self	.50
Sun Tan. Rosy tan with yellow lip	1.00



ASTERS. Record Asters. A new distinct type. Plants grow 12 to 14 in. tall and spread about 18 in. They are of branching habit and very profuse blooming. Flowers grow about 4½ in. across and are made up of many petals so tightly quilled as to be needle-like in appearance. Splendid, long-lasting cut-flower.

Amaranth Red, Deep Pink, Salmon-Pink, Carmine-Rose, Violet, Mixed Colors. Any of the above Record Asters: Pkt. 20c; 1/4 oz. .......... 85c

Wilt Resistant Golden Sheaf. The deepest yellow Aster yet offered, and the only one that is wilt resistant. The flowers are fully double, with an attractive crest-like center. It has all the characteristics of the Aurora type of Aster so popular now with florists. The flowers last well when cut, and are excellent shippers. Pkt., 25c.; ½ oz., \$1.25.

don's Special Strain. Double Finest Mixed, Pkt., \$1.00; Single Finest Mixed, Pkt., \$1.00; Extra

Frilled Finest Single Mixed, Pkt., \$1.00; Pendula (Basket Begonia), Pkt., \$1.00.

CALCEOLARIA Albert Kent Hybrids. This fine Calceolaria grows about 18 inches high and bears immense trusses of bloom, in ten to twelve varied colorings. A prominent feature of these Hybrid Calceolarias is that they can be utilized both for indoor and outdoor culture. Pkt., 50c.

CALENDULA, Double Art Shades. Art Shades contains many tones and shades not previously obtainable—delicate apricots, beautiful picotees, orange shades, cream tones—in fact, every conceivable tint from almost pure white through cream and buff to yellow and deep orange. Pkt., 25c.

Orange Fantasy. Winner Award of Merit, All-America Selections for 1938. New Crested Calendula. The first few rows of petals on the outside are long and beautifully twisted; the inner petals are short and fantastically curled and interlaced, piling up on top of each other in irregular fashion, attractive, mahogany-bronze center. With the petals edged deep mahogany-red. Pkt., 25c.

Tip Top. There are many color tones in a flower—the center petals are a light buff-yellow gradually changing to a beautiful shade of light apricot towards the edges; the outer petals are a light apricot with a silvery sheen and attractively tipped with apricot-orange. Most pleasing and distinct. 2 ft. high. Pkt., 25c.

Sunburst. One of the most pleasing combinations of colors ever seen in a Calendula. A warm, bright shade of apricot-orange lightening to yellow towards the center; in the outer petals the orange becomes less pronounced and the main portion of the rays gradually changes from a light yellow to a pale cream suffused apricot. Borne on long, strong stems. Pkt., 25c.

CANTERBURY BELLS, New Annual. An Annual Canterbury-bell which blooms from seed in less than six months. It should now be possible to have this beautiful flower in bloom at almost any time of the year. The plant grows from two to two and a half feet tall.

Pkt.

Angelus Bell.Deep rose\$0.25Liberty Bell.Intense violet blue.25Mixed Colors.25

CHEIRANTHUS, Allioni Golden Bedder. No plant has attained so quick or so certain a place in the garden as Cheiranthus Allioni. Golden Bedder. The color is deep golden yellow, and the individual flowers are as large in size as our re-selected strain of Allioni. It is sweetly scented, long-lasting in flower and it may be sown in late Summer or early Spring. Pkt., 25c.

CHRYSANTHEMUM CASCADE, Japanese Mountain Mixed. A race of half hardy perennial Chrysanthemums which flowers six months from sowing of seed. It is very easily grown in pots or in the open ground. A fine cut flower and a showy pot plant. The colors are vivid and include scarlet,

#### FLOWER SEED NOVELTIES AND SPECIALTIES—Continued

crimson, bronze, orange, yellow, white, etc. This variety makes an admirable greenhouse subject, falling as it does in cascades of beautiful flowers. Pkt., 50c.

CORNFLOWER, Jubilee Gem. Jubilee Gem is a dwarf variety making a compact plant literally covered with flowers. Foliage distinct from all other Cornflowers, forming a mass of vivid green, contrasting well with the dark double blue flowers. The plant is about 12 inches in height. Pkt., 20c.

COSMOS, Early Klondyke—Orange Flare. This new variety has all the merit of its parent, and in addition unfolds its beautiful vivid orange flowers at about the same time as the Early Flowering Cosmos. Pkt., 25c.

DAHLIA, Unwin's Dwarf Hybrids. The plants of this splendid semi-double Dahlia are of neat, compact habit, averaging about 18 inches high, and bear a full and continued succession of blooms from July until frost. The colors range from lightest to the darkest of shades. Pkt., 25c; ½ oz., \$1.25.

#### **EVERLASTING FLOWERS**

Sow outside in May and thin out to 6 inches

ACROLINIUM, Double Mixed. Annual. Good for cutting. Pkt., 10c.; 1/4 oz., 25c.; oz., 75c.

GLOBE AMARANTH (Gomphrena), Rose, White, Purple, Mixed. Each pkt., 10c; 1/4 oz., 25c; oz., 75c.

HELICHRYSUM (Straw Flower). We offer six colors: Rose Queen, Golden Ball, Snowball, Fireball, Salmon Queen, Violet Queen, and Mixed. Pkt., 10c; ½ oz., 35c; Oz., \$1.25.

RHODANTHE. Annual. Beautiful "Everlasting" for winter bouquets. Pkt., 10c; 1/4 oz., 25c; oz., 75c

STATICE (Sea Lavender), Mixed. Perenial. Can be dried and used for winter bouquets. Pkt. 15c; 1/4 oz., 60c.

XERANTHEMUM (Immortelle). Annual. Grows 3 feet high. Mixed, pkt., 10c; ½ oz., 25c; oz., 75c. COLLECTION. One pkt. each of above 6 varieties, 50c.

EUPHORBIA, Snow-on-the-Mountain. Variegata. An ornamental foliage plant 2 to 3 feet high, with clusters of showy green and white bracts at the top of each stem. Worthy of much wider cultivation and easily grown. Pkts., 10c and 25c; oz., \$1.00.

GAILLARDIA. While the perennial forms of this flower are better known than the annuals, the superb varieties offered are equally as fine. Useful for beds, borders, and cutting. Grows 18 inches high.

Indian Chief. A superb new variety. Dark mahogany-red flowers. Practically 100 per cent true. A marvel for continuous bloom, remaining in flower from June until October. Pkt., 15c.

HUNNEMANIA, Sunlite. This clear, canary-yellow Giant Tulip Poppy is very pretty and does well in a sunny position in well drained soil. It is a semi-

double cut flower with lasting qualities and a long season of bloom; combines well with your favorite blue flowers. Pkt., 20c.

LARKSPUR, Rosamond. The individual florets of this distinct, pure, bright rose self color are large and very double, evenly and closely placed on stems about 4 feet tall. It is nearly two weeks earlier and gives a good cut before other Larkspurs are available. So outstanding as to win a Gold Medal Award in 1933. Pkt., 25c.

NEW LUPINES, HARTWEGII OR KING. The plants grow from 3 to 4 feet high, and are base-branching, with six to eight huge spikes to a plant. They are excellent for cut bloom and can be forced under glass.

King Blue. Rich dark blue, with a pure white stripe in the standard of each flower. Pkt., 20c; 1/4 oz., \$1; oz., \$3.

King White. Enormous, glistening pure white flowers. Pkt., 20c; ½ oz., \$1; oz., \$3.



MARIGOLD GIGANTEA SUNSET GIANTS

Sunset Giants. About half the plants in this mixture will produce the largest Marigolds ever grown; 5 in. is average; they do grow larger. Shades of orange and yellow with orange predominating. Foliage has the heavy Marigold odor. Plants grow  $3\frac{1}{2}$  ft. or more tall. The flowers vary somewhat in formation. Striking. Pkt., 10c;  $\frac{1}{4}$  oz., 60c.

"Supreme" Mixed. New colors of Yellow Supreme in mixture; included are Orange Supreme, Golden

#### FLOWER SEED NOVELTIES AND SPECIALTIES—Continued

#### MARIGOLD (Continued)

- Supreme, Primrose Supreme and other shades, some of which are varying tones of the famous Yellow Supreme. Flowers are large, 4 to 5 in. across; petals loosely arranged and frilled, giving the flowers the appearance of a Peony. Plants grow  $2\frac{1}{2}$  ft. tall, begin to bloom in August. Pkt. 25c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00.
- Crown of Gold. All-America Gold Medal Winner of 1937. The first Marigold in cultivation with odorless foliage. This freedom from the usual Marigold odor and distinctly new Collarette or Crown form made Crown of Gold the most outstanding flower last year. Flowers are sweetly fragrant, brilliant orange-gold, 2½ in. across, produced early and freely until frost. 2 ft. tall. Pkt., 10c; ½ oz., 25c; oz., \$1.00.
- Yellow Crown. The form of Yellow Crown is of the Collarette type. Color is a clean, refreshing, cheerful shade of bright canary-yellow. Flowers 2½ in. across and sweet scented. Odorless foliage. 20 in. tall. Pkt. 25c; 200 seeds 50c; 500 seeds \$1.00.
- King's Ransom. Foliage is entirely odorless and flowers are  $2\frac{1}{2}$  in. to 3 in. across, delicately sweet scented, and of a glowing, bright golden orange shade midway between Crown of Gold and Yellow Crown. True Collarette type. 2 ft. tall. Pkt., 25c; 200 seeds 50c; 500 seeds \$1.00.
- "Crown," Mixed Colors. Special Mixture of the three separate Marigolds pictured. Pkt., (200 seeds) 15c; ½ oz., 60c; ½ oz., \$1.00.
- French Tall Double Royal Scot. Royal Scot is one of the most striking color combinations one could wish for. The large, well formed double flowers are produced in abundance on plants from 24 to 30 inches in height, fine for garden or cutting use. The color is a bold combination of mahogany and gold. Pkt., 25c.
- NASTURTIUM, Dwarf Double Gem Mixture. An evenly balanced range of cheerful colors on dwarf, compact gem-like plants, the ideal annual for border and edging use. The plants are truly dwarf and compact, without runners, and hold their compact form. The good sized sweet scented double flowers gaily cover the little plants in an excellent color range. Pkt., 25c; 1 oz., 75c.
- Dwarf Double, "Golden Globe." This pretty novelty bears the same large double sweet-scented golden yellow flowers that have made the reputation of the Nasturtium Golden Gleam, but the habit of the plant is quite different. Instead of being a semi-runner it forms an almost perfect globe, thus obviating the trouble experienced by gardeners in keeping the plant within the desired bounds. Pkt., 15c; oz., 35c.
- Double Semi-dwarf Sweet Scented. The plants are semi-dwarf, throwing short runners from well-rounded, free-flowering bushes. Stems are long,

and bear the flowers well above the foliage of the plants. Pkt. Oz. Golden Gleam. Golden yellow..... \$0.10 \$0.25 Orange Gleam. Deep orange ..... .25 1.25 Scarlet Gleam ...... .15 .50

.15

.35

Dwarf or Globe Types. Double, fragrant flowers; compact plants, entirely without runners. Excellent for borders, edging, pots and flower-beds. Salmon Globe, Mahogany Globe, Ruby Globe, Scarlet Globe, Orange Globe. Each, Pkt., 15c; oz., 50c; ½ lb., \$1.50; lb., \$5.00.

Gleam Hybrids. All colors ......

- PETUNIA, Giant Double Fringed "Victorious." The finest strain of large flowering, dwarf, double Petunias yet seen. A wonderful assortment of brilliant and fancy colors will be found in this superb mixture. Also makes excellent pot plants. Pkt., \$1.00.
- All-Double Mammoth Peony-Flowered. The varieties offered below produce practically 100% double flowers with small flowered doubles to be expected.
- Purity. Most beautiful variety, with large, well-formed flowers of purest white; loosely arranged fluffy petals.
- Purple. Massive blooms of rich purple with a decided scarlet sheen. Wonderful combination of size and color.
- Princess. Immense rosy carmine blooms composed of innumerable loosely arranged petals. Most artistic flower.
- Variegated. Numerous huge, loosely double, fluffy flowers beautifully variegated white and purplered.
- Mixed Colors. An extra-fine blend containing the above and many other colors. Dwarf, bushy plants. Any of the above All-Double Mammoth Peony-Flowered Petunias: Pkt., 75c; 2 pkts., \$1.25.
- POPPIES. Iceland Poppies, (Papaver nudicaule). Hardy perennials to brighten the garden in early spring. Sow early to flower this year; in June or July for blooming next year and later years.
- Yellow Wonder. This new variety grows 3 feet high. The enormous flowers measure 4 to 6 inches across and are bright buttercup-yellow. Pkt., 35c; 3 pkts., \$1; \( \frac{1}{4} \) oz., \$1.50.
- The Emperor. Finest deep tangerine-orange Iceland Poppy yet introduced. The flowers are fluted and some have a tendency toward being semi-double. Strong, wiry stems, 1½ feet or more long. Pkt., 35c; 3 pkts., \$1; ¼ oz. \$1.50.
- The Empress. Lovely shades of salmon-rose and pink which have not hitherto been seen in Iceland Poppies. The fluting and wrinkling of the flowers make them appear to be semi-double; they are exceptionally large and if gathered as the bud is breaking, are excellent for cut-bloom. Pkt., 35c; 3 pkts., \$1; ½ oz. \$1.50.

#### FLOWER SEED NOVELTIES AND SPECIALTIES—Continued

TITHONIA SPECIOSA (Mexican Sunflower). This half-hardy annual is a shrub-like plant of enormous dimentions—8 feet high. The orange-colored, daisy-like flowers are 3 to 4 inches in diameter, on stems almost a yard long. A splendid and imposing subject for the back of a flower-bed or to place amid shrubs. Pkt., 15c; ½ oz., 40c; ¼ oz., 75c.

TROLLIUS, Golden Queen. A hardy perennial of merit, growing 4 ft. high and producing enormous buttercup-like flowers 4 inches in diameter. Their color is rich gold. Award of Merit, Royal Horticultural Society of England. Pkt., 35c; 3 pkts., \$1.

GIANT-FLOWERING VERBENAS. The strain we are offering is equal to our Mammoth Verbenas in the number of flowers to each truss, and has the added advantage in that the individual florets are larger. The plants attain a height of 1 foot, and, if sown outdoors early in May, may be had in bloom by July.

Luminosa. Shades of salmon, flesh, and coral on a ground of flame-pink.

Salmon-Pink. Pure, even tone of salmon-pink.

Spectrum Red. In the large-flowered class of the annual Verbena, this wonderful color is just dazzling. White King. Pure white.

Royale. Royal blue, primrose-yellow eye.

Etna. Vivid scarlet with small yellow eye.

Mixed. A mixture of all shades.

Each pkt., 15c;  $\frac{1}{8}$  oz., 60c;  $\frac{1}{4}$  oz., \$1.

VERBENA VENOSA, Lilacina (H.H.P.). Growing a foot and producing such a mass of flowers as to hide all the foliage, this new variety with delicate lavender blue flowers is at once acceptable for carpet bedding, borders, and for cutting—valuable for color schemes, too. Pkt., 35c.

#### Zinnia



Haageana or Mexican Zinnias

Mexican Zennias (Z. Haageana). Spreading plants with flowers suggestive of French Marigolds; some double, some single; many semi-double. Shades of yellow, red, or brown; also spotted and striped. Mixed, pkt., 15c; ½ oz., 75c; oz., \$2.50.

Navajo Zinnias. Medium-sized, double and semi-double flowers with long, narrow, incurved or fluted florets, each of which is tipped with a lighter contrasting color. 18 in. Mixed, pkt., 15c; 1/4 oz., 60c; oz., \$2.

Mammoth California Giants. When in full bloom, they reach an enormous size, yet their flatness gives them a most graceful appearance. They grow to a height of 3 feet, and the fine double blooms will sometimes average a diameter of 6 inches.

Brightness. Bright pink.

Cerise Queen. Cerise-rose.

Enchantress. Light rose, deeper center.

Lemon Queen. Lemon-orange.

Miss Willmott. Soft pink.

Orange Queen. Golden yellow.

Orange King. Cadmium or burnt-orange.

Purity. Pure white.

Rose Queen. Bright rose.

Scarlet Gem. Glowing scarlet.

Violet Queen. Shade of violet.

Each pkt., 10c;  $\frac{1}{4}$  oz., 35c; oz., \$1.25; Mixed pkt., 10c;  $\frac{1}{4}$  oz., 30c; oz., \$1.

Scabious Flowered Mixture. The flowers, somewhatless than medium-sized, bear a remarkable resemblance to the annual Scabiosa, from which they get their name. The plants are extremely free flowering, 2 to  $2\frac{1}{2}$  feet high. While the color range includes all popular shades, it is particularly rich in shades of crimson, scarlet, orange, yellow and pink. Pkt., 25c;  $\frac{1}{4}$  oz., 50c.

Chrysanthemum Flowered or Fantasy Finest Mixed. Fantasy is the most fascinating new Zinnia type introduced in many years. The very informal, shaggy appearing flowers are graceful and interesting. The rounded medium sized flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance. Pkt., 25c; ½ oz., 50c.

Giant Dahlia-flowered. Bodger's gold immense double.		strains, ½ oz.
Crimson Monarch	\$0.15	\$0.60
Dream. Deep lavender	.15	.60
Exquisite. Light rose deep center	.15	.60
Golden Dawn. Golden yellow	.15	.60
Golden State. Orange yellow	.15	.60
Lemon Beauty. Light lemon yellow	.15	.60
Luminosa. Bright deep pink	.15	.60
Meteor. Glowing deep red	.15	.60

#### FLOWER SEED NOVELTIES AND SPECIALTIES—Continued

	Pkt.	$\frac{1}{4}$ oz.
Old Gold. Deep and lighter shades of		
old gold	\$0.15	\$0.60
Old Rose. A real old rose	.15	.60
Oriole. Orange and gold	.15	.60
Polar Bear. Pure white	.15	.60
Purple Prince. A deep purple	.15	.60
Youth. A soft rose	.15	.60
Special Mixture	.15	.60
CARALIMICAL OLD BE A LA		

CARNATION, Chabaud's Enfant de Nice. This is the result of a cross between Chabaud's Giant Improved and Perpetual. The plants are of robust, upright habit, with long, strong stems, bearing flowers 2½ to 3 inches in diameter. This strain is magnificent and is, so far, the last word in annual Carnations. The color comes about 75 per cent true from seed, and about 90 per cent of the plants come double. Red, Rose, Salmon, White, Finest Mixed. Each, pkt., 25c; large pkt., 75c. Collection: One pkt. each of the above 4 colors, 75c.

NEW MAMMOTH-FLOWERING COSMOS, Sensation. Received the Award of Merit at the 1936 All-America Seed Selections. The advantage of this new Cosmos is not only its unusually large size—flowers measuring 4 to 6 inches across—but the important fact that plants come into bloom in about 10 weeks from time of sowing. The seed offered this year contains a mixture of two shades of pink and white. Height, 4 to 6 feet. Pkt., 25c.

and white. Height, 4 to 6 feet. Pkt., 25c. DIANTHUS, Superbus, Loveliness. Stately and magnificent in habit of growth, yet delightfully charming and informal in flower form, this new hardy garden Pink is one of the finest of the newer cutflower varieties. Plants are 12 to 15 inches tall, of good branching habit, and very free flowering. The shaggy-appearing, finely fringed flowers of delicate rosy lilac are highly sweet scented and measure from 1½ to 2 inches across. They are fascinating in the garden and exquisitely dainty in flower arrangements. Pkt., 35c.

EXACUM AFFINE ATROCAERULEUM. Beautiful greenhouse pot-plant growing 9 inches high. The sweetly scented, small, dark lavender flowers with golden stamens contrast wonderfully with the light green leaves. Biennial; flowering within 6 months from sowing. Pkt., 35c.; 3 pkts., 90c.

IPOMOEA, Morning Glory. Annual climbers of rapid growth, excellent for covering arbors and trellises with luxuriant foliage, bearing bell-shaped flowers of many colors.

Imperialis, Mixed. Japanese Morning-Glories have enormous flowers, spotted, striped, and flecked with many colors. Pkts., 10c and 25c.,

Heavenly Blue. We ofter an extra-early blooming strain of this enormously popular and much sought after Annual Climber. Its extremely early-flowering habit, its compact growth, and its true heavenly blue coloring make it distinct and infinitely superior to all other strains. Pkts., 25c. and 50c.

MATTHIOLA, Evening-scented Stock. Bicornis. An annual with flowers of no particular attractiveness

which are deliciously fragrant in the evening. Indispensable for enhancing the night charm of a garden. Pkts., 10c. and 25c.

MARIGOLD, DWARF DOUBLE, French Harmony. A remarkable break in the Dwarf French Marigolds, which differs from all existing forms in its habit and the shape and coloring of its flowers. The latter, almost suggesting those of a scabiosa, are of a bright golden yellow, bordered with a rich maroon-red, a most striking and effective combination of tints. The plants being about 12 inches high and of very bushy habit, form excellent material for bedding, and the flowers can be utilized for cutting. Pkt., 25c.

PETUNIA GRANDIFLORA, Single Fringed, Dainty Lady. Received Awards of Merit, 1936. All-America Seed Selection and the Royal Horticultural Society of England. A remarkable introduction which brings us the first really yellow Petunia. The plants are neat, compact, semi-dwarf, and free flowering, bearing generous quantities of medium-sized, delicate, golden yellow flowers, beautifully fringed. Pkt., 50c.

Hybrida, Flaming Velvet. Winner of the Gold Medal in the All-America Seed Selections for 1936. The flowers of striking rich velvety scarlet make a brilliant show. This variety is outstanding for color, type, and uniformity. Pkt., 25c.; large pkt., 75c. OUTSTANDING PETUNIAS. Heavenly Blue. Rosy

OUTSTANDING PETUNIAS. Heavenly Blue. Rosy Morn type, with a profusion of sky blue flowers that are exceptionally handsome in any garden. Pkt., 35c.

Madonna. A most satisfactory double white. Pkt., \$1.00.

Fringed Royal Purple. A marvelous selection from the great big fringed beauties developed by one of California's best growers. Pkt., \$1.00.

SCABIOSA (Mourning Bride). Blue Cockade (H.A.) This outstanding novelty is deeper than Azure Fairy in color; in fact, the purest, deep azure blue to be found in any annual. Quite unlike the ordinary type, the flowers have such a great depth of head as to appear almost conical in shape. Pkt., 25c.

VENIDIUM, Fastuosum. A half-hardy South African annual which can be grown either outside or under glass. It reaches a height of 2 to 3 feet, with long, serrated leaves. Flowers 4 to 5 inches across, of a most brilliant orange, with dark center and black-purple zone at the base of the petals. Seed should be sown in April or early May, as germination is difficult if sown early. For best results, give a sunny location. Pkt., 25c.; large pkt., 75c.

Fastuosum Hybrids. A most wonderful strain of hybrids of this showy annual in a wide range of colors, including pale yellow, canary-yellow, salmon, rose, orange, and white—all in lovely contrast to the purple, blue, or brown centers. Pkt., 50c.

WE SPECIALIZE IN LAWN GRASS MIXTURES FOR EVERY PURPOSE

See pages 38 and 39

#### SPECIALTIES IN VEGETABLE SEEDS

BEET, Perfect Model Globe. A very fine selection of Globe Beet, very small top, with scarcely any leaf. Fine rich color. The flesh is very rich in flavor compared with ordinary kinds. Pkt., 15c; oz., 40c; ½ lb. \$1.00; lb., \$3.50.

BEET, Red Ball. This is one of the earliest of the small table beets for outside culture. It has small leaves, is flat to globe in shape. Bright red skin. Vermilion red flesh with distinct zones of a lighter red. It is of excellent quality, being sweet, tender and free from fibrous roots. Pkt., 10c; oz., 30c; 1/4 lb., 75c; lb., \$2.00.

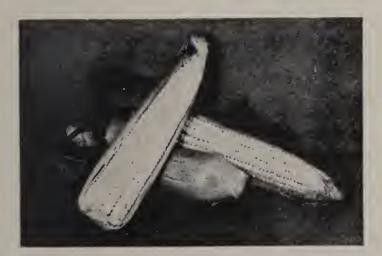
BROCCOLI, Italian Green Sprouting. A distinct type of Broccoli with a delicious flavor, without the strong Cauliflower taste. It forms a small head with a branching habit, which are a dark green color from September until severe weather in December. Pkt., 25c, oz., \$1.00.

CARROT, Golden Ball. A most distinct and small early variety, specially adapted for forcing and frame work. The roots are almost as round as a turnip, flavor excellent and melting. Pkt., 10c; oz., 40c; 1/4 lb., \$1.50.

CARROT, Hutchinson Danvers. Hutchinson's Strain is from 2 to 3 inches longer than Danvers, and holds its "fullness" well down to the tip. It will be noted that it is a blunt pointed carrot always. In color slightly darker than the Danvers. Yield enormous. Pkt., 10c; oz., 35c; ½ lb. \$1.00.

CAULIFLOWER, Supreme Snowball. The finest strain procurable of this extra early and most popular sort. Produces large, fine-grained, pure white heads. Suitable either for early or late crops. Pkt., 25c; oz., \$5.00.

CELERY, Winter Queen. One of the most valuable varieties for winter use. Vigorous and compact of growth, and when ready for market presents an exceptionally attractive appearance. Pkt., 10c; Oz., 30c; ½ lb., 90c; lb., \$3.00.



HYBRID SWEET CORN, Spancross 39. Produces 8-14 rowed slender, cylindrical ears 6-9 inches long. Stalks are 6-7 ft. tall. In trials this hybrid produced about 25,000 marketable ears per acre as compared to 11,000 for Spanish Gold and 19,000 for Whipples. This cross is highly resistant to bacterial wilt or Stewart's disease. Lb., 50c.



CHINESE CUCUMBER. Here's a new find—a cucumber which can be grown right on through the summer. For some reason this cucumber is immune to ordinary cucumber diseases. Not only do the cucumbers often grow two feet long, but they'll average around 15 inches in length. The "cukes" are mostly very slender and when it comes to flavor the new variety appears miles ahead of any other sort grown. Pkt., 25c.



Leek

LEEK, Dobbie's International. Probably the most used by market gardeners. It is a very large leek, bleaching 12 inches or more. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$2.25.

#### SPECIALTIES IN VEGETABLE SEEDS

MELON, Forcing Cotting's Hybrid. A greenhouse Melon, raised by Joseph Madden of Manchester, Mass. Flesh orange, oval-shaped, carries three to four melons to plant, weight 5 to 6 lbs. each. Pkt., 50c.

ONION, Ailsa Craig Selected. The stock we offer is absolutely the very best selection of this celebrated Onion that we have seen. The greatest care has been exercised in order to secure uniform shape and size. Pkt., 25c; oz., \$1.00.

ONION, Gigantic Gibraltar. A handsome straw colored Onion of enormous size, possessed of many sterling qualities. Grand for exhibition. Pkt., 25c; oz., \$1.00.

PARSNIP, White Model. A superb Parsnip for exhibition or table use. We are confident this highly selected strain cannot be surpassed either for size or flavor. Pkt., 10c; oz., 35c; ½ lb., \$1.25.

#### Parsley



Paramount

PARSLEY, Paramount. A new parsley of the triple-curled type, of unusually dark green color. It is remarkably uniform, has a good stout stem for bunching. Pkt., 10c; oz., 25c; ½ lb., 60c; lb., \$2.00.

PEAS, Admiral Beatty. A new and very popular variety, highly productive and of excellent quality. Pods large, green and produced in pairs. Height, 4 ft. Lb., 40c; 2 lbs., 75c.

PEAS, Quite Content. The largest and finest podded Pea in cultivation. A main crop variety; grows 5 feet high; foliage and pod deep green; pods 6 to 7 inches long, hanging mostly in pairs; ten to twelve peas in a pod. Flavor superb. Lb., 45c; 2 lbs., 85c.

SPINACH, Princess Juliana. An improved variety of Long Standing Spinach, of vigorous growth, leaves dark green, crumpled, rounded, growing in dense compact rosette with a glossy and most attractive appearance. Oz. 15c; ½ lb., 30c; lb., \$1.00.

SQUASH, Des Moines. It is a small, dark green, acorn-shaped Squash, almost black in color, with deep ridges, hard shell, dry meat, small seed cavity, usually about 6 inches long and 4 inches in diameter. When fully matured it is an excellent keeper, therefore one of the best for home garden. Pkt., 10c; oz., 25c; ½ lb., 75c.

NOODLE SQUASH. Puncture one end of the fruit and cook it for 30 to 40 minutes. Prior to serving, cut it in half, and the flesh will fall out in shreds, suggestive of spaghetti. May be served hot with sauce, salt, and butter, or as a cold dish with vinegar dressing. The mottled green fruits, 8 to 12 inches long, turn yellowish white and resemble the Marrow Squash in appearance. Pkt., 15c; oz., 50c.

TOMATO, Sunrise (Carter's). The finest Tomato for indoor or outdoor cultivation (True Stock). Pkt., 25c; oz., \$1.50.

Marglobe. A large Tomato of the globe type. It is a fine red color and of delicious table quality. Sets fruits medium early and continuously. A feature is its strong, robust constitution; it resists wilt, is immune to rust, and will produce fruit during periods of unfavorable weather. Used alike on the large estate and by the home gardener; excellent for the market grower. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb. \$2.00.

Employment Register. We have qualified men on our books seeking position as Superintendents, Gardeners, Greenkeepers, or Groundsmen. Many are known personally to us, and we will be glad to put them in touch with employers seeking experienced help of this kind.

### **QUALITY FLOWER SEEDS**

All Flower Seeds mailed postpaid to any post office in the United States.

Our list includes only the finest strains of annual and perennial flowers. All seeds are carefully tested and may be sown with the assurance that, under normal conditions, the results will be entirely satisfactory. When ordering, it is not necessary to write the variety name; the number and quantity required is sufficient.

Abbreviations: (A.) annual; (P.) perennial.

- 105 ABRONIA umbellata. Sand Verbena. (A.) Trailing; bright rose-colored verbena-like flowers. 6 in. Packet 15c.
- 110 ACHILLEA ptarmica, The Pearl. Yarrow.
  (P.) Clusters of pure white flowers; blooms all summer. 2 ft. Packet 25c.
- 115 ACONITUM napellus. Monkshood. (P.) Dark blue; July, Aug. 3 ft. Packet 15c; ¼ oz. \$1.25. 120 Wilsoni (A. fischeri wilsoni). V olet Monkshood.
  - (P.) Light violet-blue; late. 4 ft. Packet 25c.
- 125 ACROCLINIUM, White. (A.) Showy everlasting with dainty white flowers. 1 ft. Packet 10c.;
- 14 oz. 35c. 130 Pink. Charming pink variety. Packet 10c.;  $\frac{1}{4}$  oz. 35c.
- 140 AGERATUM, Blue Perfection. (A.) Popular bedding and border plant. Dark blue. 1½ ft. Packet 15c.; ½ oz. 50c.

  145 Dwarf Blue. (A.) Dark blue; excellent for low borders and beds. 9 in. Packet 15c.; ½ oz. 50c.

  150 Little Blue Star. (A.) Miniature variety with small mauve colored flowers. 5 in. Packet 25c.

  155 Tail Blue. (A.) Light blue; fine cut-flower.

  1½ ft. Packet 15c.; ¼ oz. 50c.

  160 Tail White. (A.) White form of preceding.

  1½ ft. Packet 15c.; ¼ oz. 50c.

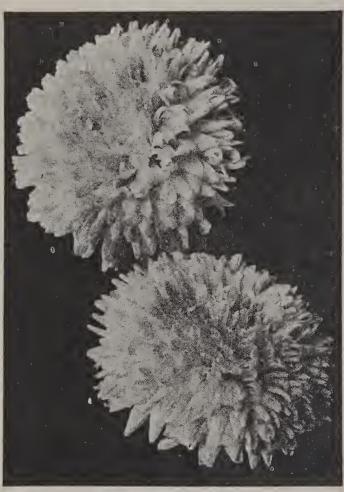
- 165 AGROSTEMMA coeli-rosa. Rose of Heaven. (A.) Bright rose; excellent for cutting. 1½ ft. Packet 10c.; ¼ oz. 35c.
- 170 coeli-rosa alba. (A.) White. 1½ ft. Packet 10c.; ¼ oz. 35c.
- 175 coronaria atrosanguinea. (Lychnis) Mullein Pink; Rose Campion. (P.) Silvery foliage; dark crimson flowers. June to Aug. 2 ft. Packet 10c.; 1/4 oz. 50c.
- 180 ALYSSUM maritimum benthami. Sweet Alyssum. (A.) Fragrant pure white flowers. Fine cut-flower. 1 ft. Packet 10c.; oz. 50c. 185 procumbens, Carpet of Snow. (A.) Beautiful

- dwarf variety; masses of pure white flowers. Unsurpassed for edgings. 4 in. Packet 15c.; ¼ oz. 35c. 190 Lllac Queen. (A.) Dwarf; pure lilac flowers. 6 in. Packet 15c.; ¼ oz. 50c. 195 saxatlle compactum. Dwarf Goldentuft; Gold Dust. (P.) Masses of bright yellow flowers in early spring: excellent for real work. spring; excellent for rockwork. 9 in. Packet 15c.; ⅓ oz. 50c.
- 200 AMARANTHUS caudatus. Love-lies-bleeding. (A.) Tall plant with drooping racemes of deep crimson. 3 ft. Packet 10c.
- 215 ANCHUSA, Blue Bird. (A.) Improved variety with deep blue flowers on long stems. Fine cut-flower. 1½ ft. Packet 25c.
- 220 capensis. Cape Forget-me-not. (A.) Clusters of azure-blue flowers. 1½ ft. Packet 10c.; ¼ oz. 75c. 225 Italica, Dropmore Variety. Dropmore Bugloss.
- (P.) Lovely, gentian-blue flowers. June to Sept. 3 to 4 ft. Packet 25c.; 1/8 oz. 50c.



Antirrhinum, Intermediate Purity

- 230 ANTHEMIS Kelwayi. (A. tinctoria kelwayi.) Kelway Camomile; Hardy Golden Marguerite. (P.) Bright yellow, daisy-like flowers; June to Sept. 2 ft. Packet 15c.
- ANTIRRHINUM, Tall Giant-flowered. Snapdragon. (P.) Snapdragons are perennials, but for garden purposes they are usually treated as annuals. lent for bedding and cutting. Also extensively grown under glass. 2 ft.
- 235 Tall Goliath. Salmon-rose, shaded apricot. Packet 25c.; ½ oz. \$1.00.
- 240 Tall Scarlet. Glowing bright shade. Packet 15c.; ¼ oz. 75c.
- 245 Tall Rose Pink. A charming color. Packet 15c.;  $\frac{1}{4}$  oz. 75c.
- 250 Tall Venus. Delicate, light pink. Packet 15c.;  $\frac{1}{4}$  oz. 75c.
- 255 Tall White. Pure white; fine cut-flower. Packet 15c.;  $\frac{1}{4}$  oz. \$1.00.
- 260 Tall Yellow. Clear daffodil-yellow. Packet 15c.;  $\frac{1}{4}$  oz. \$1.00.
- 265 Tall Mixed. Great variety of colors. Packet 15c.; ½ oz. 75c.



American Beauty Asters

- Antirrhinum, Intermediate Large-flowered. These are useful both for out-door bedding and greenhouse forcing. The plants are compact and bushy, producing a profusion of bloom. 15 to 18 in.
- 270 Black Prince. Dark foliage; deep crimson flowers. Packet 15c.; ½ oz. 75c.
- 275 Golden Queen. Pure golden yellow. Packet 15c.;  $\frac{1}{4}$  oz. 75c.
- 280 Purity. Pure white. Packet 15c.; ¼ oz. 75c.
- 285 Rose Dore. Salmon-rose, shaded gold. Packet 15c.; ¼ oz. 75.
- 290 Amber Queen. Canary yellow overlaid chamoispink. Packet 15c.; 1/4 oz. 75c.
- 295 Fawn. Terra cotta-pink, suffused yellow. Packet 15c.; ½ oz. 75c.
- 300 Orange Scarlet. An effective shade. Packet 15c.; ¼ oz. 75c.
- 305 Intermediate Mixed. Many colors. Packet 15c.;  $\frac{1}{4}$  oz. 60c.
- 350 AQUILEGIA, Long-spurred Hybrids, Mixed. Columbine. (P.) Large-flowered strain producing beautifully-colored, long-spurred flowers. May, June. 2 ft. Packet 25c.; 1/8 oz. \$1.00.
- 355 Mrs. Scott Elliott's Strain. (P.) An improved strain of the giant, long-spurred type. Many new and charming colors. 2 ft. Packet 50c.
- 360 chrysantha. Golden Columbine. (P.) Pale yellow, long-spurred. 2 ft. Packet 15c.
- 365 **chrysantha alba.** (P.) Pure white; long spurs. 2 ft. Packet 25c.
- Colorado Columbine. (P.) spurred, pale azure-blue flowers. 3 ft. Packet 25c.

- 375 Rose Queen. (P.) Beautiful, long-spurred, rose pink flowers. 3 ft. Packet 50c.
- 385 **ARABIS alpina.** Alpine Rockcress. (P.) Spikes of pure white flowers in May. Useful for rockwork and low borders. 6 to 8 in. Packet 10c.; ¼ oz. 50c.
- 390 ARCTOTIS grandis. (A.) Splendid Daisy, from South Africa. Pure white, shaded lilac. 2½ ft. Packet 15c.; ¼ oz. 75c.
- 395 **ARMERIA formosa.** Sea Pink. (P.) Deep pink flowers; useful for edgings and rockwork. May to Sept. 1 ft. Packet 15c.
- 400 ASCLEPIAS tuberosa. Butterfly Weed. (P.) Large, heads of bright orange-red flowers. July, Aug. 2 ft. Packet 25c.; 1/8 oz. \$1.25.
- 405 ASPARAGUS plumosus nanus. Bright green feathery plumes; decorative as pot-plant and for cutting, lasting several weeks in water. Packet 25c.; 100 seeds \$1.25.
- 410 **Sprengeri.** Long, drooping fronds of light green. Useful as hanging pot-plant. Packet 25c.
- ASTERS. Admired by all for their beauty, Asters rank high among late summer-blooming Annuals. They are seen at their best planted by themselves in beds or borders. The location of the beds should be changed every year. Free-blooming and excellent for vase-decoration.
- American Beauty Asters. (A.) One of the most popular of all Asters. Large, full flowers with graceful, incurved petals borne on tall stems. 2 to 2½ ft.
- 415 Pink; 420 Crimson; 425 Lavender; 430 Purple; 435 White; 440 Mixed, each, Packet 25c.



Aquilegia Long-spurred Hybrids

**California Giant Asters.** Considered by many to be the finest type of all Asters. The flowers are very large, resembling Japanese Chrysanthemums in form, with petals charmingly twisted and interlaced; borne on long, stiff stems, ideal for cutting.  $2\frac{1}{2}$  ft.

445 Light Blue; 450 Dark Purple; 455 Rose; 460 Peach Blossom; 465 White; 470 Mixed, each,

Packet 25c.

American Branching Asters. Strong-growing, late branching type with large flowers having incurved petals. 2 to  $2\frac{1}{2}$  ft.

475 Crimson; 480 Lavender; 485 Purple; 490 Rose Pink; 495 White; 500 Mixed, each, Packet 10c.;

 $\frac{1}{4}$  oz. 75c.

Royal, or Early Branching Asters. Early-Blooming class of the American Branching type. 2 ft.

505 Rose; 510 Lavender; 515 Purple; 520 Shell Pink; 525 White; 530 Mixed, each, Packet 15c.

King Asters. A distinct race. The flowers are large, with petals quilled and rayed. 2 ft.

535 Crimson; 540 Lavender; 545 Pink; 550 Violet; 555 White; 560 Mixed, each, Packet 15c.

Crego's Giant Asters. A beautiful class, with large, fluffy flowers; petals gracefully twisted and curled. 2 ft.

565 Crimson; 570 Dark Blue; 575 Lavender; 580 Rose; 585 Shell Pink; 590 White; 595 Mixed, each, Packet 15c.; ½8 oz. 75c.

Sunshine Improved, Anemone-flowered Asters. New and unique race of branching habit of growth. The flowers are large with long single, rayed petals; center golden yellow, crested and quilled. Admirable for cutting.

600 Dark Blue; 605 Light Blue; 610 Pink; 615

White; 620 Mixed, each, Packet 25c.

650 ASTER, alpinus, Goliath. Michaelmas Daisy.
(P.) One of the largest-flowered of the Perennial Asters. Lilac with golden yellow center; early. 1 ft. Packet 25c.

655 subcaeruleus. (P.) A beautiful species from India. The large, bright mauve flowers have delightfully contrasting old gold centers; early. 2 ft. Packet 25c.

660 Large-flowering Mixed. (P.) A splendid mixture, including a wide variety of the showiest colors of hardy Asters. 2 to 3 ft. Packet 25c.

665 AUBRETIA, Large-flowered Hybrids. (P.) Dwarf, spring-blooming plants useful for borders and rockwork. Various shades of blue, lavender and pink. 4 in. Packet 25c.

BALSAM. (A.) Old-fashioned garden favorites that have retained their popular appeal. Plants of upright habit with large double Camelia-like blooms, nestling among smooth bright green leaves. To develop to perfection plants should be spaced at least a foot apart. 1½ ft. 670 **Crimson.** Packet 15c., ¼ oz. 60c.

675 Dark Blue. Packet 15c., 1/4 oz. 60c.

680 **Deep Rose Pink.** Packet 15c., 1/4 oz. 75c.

685 White. Packet 15c.; 1/4 oz. 60c.

690 **Salmon Pink.** Packet 15c., ½ oz. 60c.

695 Mixed. Packet 15c., ¼ oz. 50c.

700 BAPTISIA australis. Wild Indigo. (P.) Vigorous perennial producing showy spikes of pale blue pea-shaped flowers. June, July. 2½ ft. Packet 15c.



Brachycome (Swan River Daisy)

705 BARTONIA aurea (Mentzelia Lindleyi). Blazing Star. (A.) Beautiful free-blooming annual with large, glistening golden yellow flowers. Thrives in half shade. 1½ ft. Packet 15c.; ¼ oz. 50c.

710 BEGONIA, Single Tuberous-rooted, Mixed. Popular bulbous plants much admired for their large, showy flowers. Seeds sown under glass in winter produce flowering plants the following summer. (For bulbs see Summer-flowering Bulbs). Begonias do well in partial shade. Packet 75c.
715 Double Tuberous-rooted, Mixed. These are

best grown in pots under glass, but are sometimes used for out-door bedding. Packet \$1.00.

**BELLIS** percentis. English Daisy. (P.) Popular spring-blooming perennials, widely used for borders 4 in. and rockwork.

735 Giant Double White. Packet 25c.;  $\frac{1}{8}$  oz. \$1.50 740 Giant Double Pink. Packet 25c.;  $\frac{1}{8}$  oz. \$1.50. Packet 25c.; ½ oz. \$1.50. 745 Longfellow. Deep rose pink. Packet 15c.; 1/8

oz. \$1.00.

750 Snowball. Pure white. Packet 15c.; 1/8 oz. \$1.00.

755 **Double Mixed.** Pink, crimson and white shades. Packet 15c.; ½ oz. \$1.00.

760 BOCCONIA Japonica. Plume Poppy. (P.) fine, tall perennial for backgrounds in large beds. Flowers white. July, Aug. 6 to 8 ft. Packet 15c.

BRACHYCOME iberidifolia. Swan River Daisy.
(A.) Free-flowering annual with masses of small, daisy-like flowers. 9 in.

765 Blue; 770 Pink, each, Packet 25c.; ½ oz. 75c.

775 BROWALLIA elata, Blue. (A.) Glossy green leaves; flowers bright blue. Excellent for cutting. 1½ ft. Packet 15c.

780 speciosa major. Perpetual-flowering variety, much esteemed for summer bedding or as pot-plant under glass. Violet-blue. 1½ ft. Packet 50c.

785 CACALIA coccinea. Tassel Flower. (A.) A showy annual producing clusters of brilliant scarlet flowers on graceful stems. Useful for cutting.  $1\frac{1}{2}$ ft. Packet 10c.; 1/4 oz. 35c.

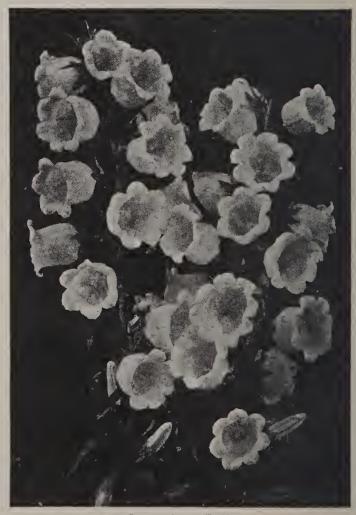
790 CALCEOLARIA grandiflora, Mixed. Ornamental greenhouse plant, with richly colored flowers, many beautifully spotted and blotched. Packet \$1.00.



Orange King Calendula

- **CALENDULA.** (A.) Splendid hardy annuals of easy culture; free-flowering. 1 ft.
- 795 **Campfire.** New type with large, double flowers on long stems; bright orange overlaid with a glistening scarlet sheen. Packet 25c.; ½ oz. \$1.00.
- 800 **The Ball.** Double; glowing orange. Packet 25c.; 1/4 oz. \$1.00.
- 805 Orange King. Orange; dark center. Packet 15c.; oz. \$1.00.
- 810 **Meteor.** Yellow; striped orange. Packet 10c.; oz. 50c.
- 815 **Lemon Queen.** Double; lemon yellow. Packet 15c.; oz. \$1.00.
- 820 **Radio.** New Calendula, with large, double brilliant orange flowers, petals quilled. Packet 25c.
- 825 **Mixed.** Shades of lemon and orange. Packet 10c.; oz. 40c.
- **CALLIOPSIS** (*Coreopsis*). (A.) Free-flowering hardy annuals, blooming continuously from early summer to frost. 1 to 2 ft.
- 830 atrosanguinea. Rich dark red. Packet 10c.; ½ oz. 50c.
- 835 **marmorata.** Golden yellow, marbled wallflower red. Packet 15c.
- 840 **drummondi.** Golden Wave. Golden yellow with chestnut-brown center. Packet 10c.; ¼ oz. 40c.
- 845 **coronata maxima.** Yellow, spotted crimson. Packet 15c.; 1/4 oz. 50c.
- 850 Mixed. Many beautiful colors. Packet 10c.; 1/4 oz. 35c.
- Valuable perennial with large single, golden yellow flowers, produced all summer. 3 ft. Packet 10c.: 1/4 oz. 50c.

- **CAMPANULA.** Bellflower. (P.) Splendid border-plants with showy bell-shaped flowers.
- 865 **carpatica.** Carpathian Bellflower. Compact tufted plant useful for borders and rockwork. Clear blue; flowers all summer. 8 in. Packet 15c.; ½ oz. \$1.00.
- 870 carpatica alba. White. 8 in. Packet 15c.; 1/4 oz. \$1.00.
- 875 **pyramidalis.** The Chimney Bellflower. Tall spikes of large blue bells. 4 ft. Packet 15c.
- 880 pyramidalis alba. White. 4 ft. Packet 15c.
- 885 **glomerata superba.** Showy Cluster Bellflower. Dense clusters of violet-blue flowers. 1½ ft. Packet 25c.
- 890 **persicifolia, Blue.** Peachleaf Bellflower. Bright blue, cup-shaped bells. June, July. 2 ft. Packet 25c.
- 895 **persicifolia alba.** White form of preceding. Packet 25c.
- 900 **rotundifolia.** *Harebell*. Clear blue bell-like flowers. June to Aug. 1 ft. Packet 25c.
- Campanula medium. Canterbury-Bell. Popular biennial, producing large clusters of single, bell-like flowers in June. 2½ ft.
- 905 Blue; 910 Rose; 915 White; 920 Mixed, each, Packet 10c.; 1/4 oz. 60c.
- m. calycanthema. Cup-and-Saucer Bellflower.
- 925 Blue; 930 Pink; 935 White; 940 Mixed, each, Packet 15c.; ½ oz. 75c.



Canterbury Bells

**CANDYTUFT** (*Iberis*). (A.) Free-blooming dwarf annual, admirable for massing in low beds and for edgings and borders. 1 ft.

945 Crimson. Dark, purplish-crimson. Packet 10c.;

1/4 oz. 25c.

950 Flesh Plnk. Very popular light shade. Packet  $10c.; \frac{1}{4}$  oz. 40c.

955 Giant White HyacInth-flowered. Large spikes of pure white flowers, invaluable for cutting. Packet 15c.;  $\frac{1}{4}$  oz. 60c.

960 Rose Cardinal. Brilliant shade. Packet 15c.;  $\frac{1}{4}$  oz. 60c.

965 Mixed. Many fine colors. Packet 10c.; oz. 50c. 970 Candytuft, Dwarf Mixed. (A.) 8 in. Packet

975 sempervirens.. (Iberis). Evergreen Candytuft. (P.) White flowers in spring. Excellent rock-garden and border plant. 1 ft. Packet 15c.; ½ oz. \$1.00.

980 glbraltarica. (P.) White, shaded pink. 1 ft. Packet 15c.

985 CARDINAL CLIMBER (Ipomoea quamoclit). (A.) A rapid-growing annual climber with showy fern-like foliage. Fiery cardinal-red flowers in clusters. 15 ft. Packet 25c.

990 CARNATION (Marguerite) Glant Mixed. A splendid strain of large, double flowers including shades of pink, red, yellow white. Fragrant. Useful for cutting. Seeds sown in early spring bloom in Aug., Sept. Packet 25c.; ½ oz. \$1.50.

995 Carnation, Hardy Double Mixed. (P.) Fragrant, double flowers, much esteemed for cutting. 1 to 2 ft. Packet 25c.

1015 CELOSIA. Thompsoni magnifica. Ostrich Plume Cockscomb. (A.) Magnificent, feathery plumes in various shades of yellow and red; fine cutflower. 2 ft. Packet 15c.; 1/8 oz. 50c.

1020 **Dwarf Dark Crimson.** (Glasgow Prize). (A.) Large dark crimson combs. 6 in. Packet 25c.

1025 CENTAUREA candidissima. Dusty Miller. (A.) Broad, silvery foliage; valuable for edgings. 1 ft. Packet 15c.; ½ oz. 50c.

1030 gymnocarpa. Narrow, whitish foliage. 1 ft.

Packet 15c.; 1/4 oz. 50c.

1035 americana. Large lilac flowers. 2 ft. Packet 15c.; ¼ oz. 60c.

1040 americana alba. Large white flowers. 2 ft. Packet 15c.; 1/4 oz. 75c.

Centaurea cyanus. Cornflower; Bachelor's Button. (A.) Popular annual. Excellent for cutting. 2 ft.

1045 Double Blue; 1050 Double Pink; 1055 Double White; 1060 Double Mixed, each, Packet 15c.;  $\frac{1}{4}$  oz. 60c.

Centaurea Imperialis. Giant Sweet Sultan. (A.) Large, fragrant flowers; invaluable for cutting. 2 ft.

1065 Rose; 1070 Lavender; 1075 Dark Purple; 1080 White; 1085 Mixed, each, Packet 15c.; 1/4

1090 Centaurea suaveolens. Yellow Sweet Sultan. (A.) Fragrant, bright yellow flowers. Packet 15c.;  $\frac{1}{4}$  oz. 60c.

1095 Centaurea montana. Mountain-bluet. Large deep purple flowers. June, July. 2 ft. Packet 15c.; ¼ oz. 75c.

1100 montana alba. (P.) Large pure white flowers. Packet 15c.; 1/4 oz. 75c.



Single Annual Chrysanthemums

1105 CERASTIUM tomentosum. Snow-in-Sum-(P.) Dense, matted, silvery white foliage; useful for edgings and rockwork. 4 in. Packet 25c.

1110 CHEIRANTHUS alllonl. Siberian Wallflower. (P.) Showy rock and border plant with bright orange flowers, all summer. 1 ft. Packet 25c.

1115 CHELONE hybrida, Mixed. Turtlehead. (P.) Shades of pink, red and violet. June to Aug. 2 ft. Packet 15c.

**CHRYSANTHEMUM.** (A.) Free-flowering ha dy annual blooming all summer. 2 ft.

1120 Morning Star. Primrose-yellow. Packet 15c.;  $\frac{1}{4}$  oz. \$1.00.

1125 Evening Star. Bright lemon yellow. Packet 15c.;  $\frac{1}{4}$  oz. \$1.00.

1130 atrococcineum. Dark scarlet. Packet 10c.;  $\frac{1}{4}$  oz. 50c.

1135 **Single Mixed.** Shades of yellow and red. Packet 10c.; oz. 60c.

1140 **Double Mixed.** 2 ft. Packet 10c.; 1/4 oz. 40c.

1145 maximum, Shasta Dalsy. (P.) Free-blooming perennial with large, single, white flowers. Useful for cutting. 2 ft. Packet 25c.

1155 CINERARIA hybrida grandiflora, Large-flowered Mixed. Large-flowered strain including many brilliant self-colors and bicolors. Seeds usually sown in June or July for winter bloom in the greenhouse. 2 ft. Packet \$1.00.

1160 multiflora nana, Mlxed. Dwarf, bushy pot plants with compact masses of brilliantly colored

blooms. Packet 75c.

CLARKIA. (A.) Popular hardy annual easily grown in the open ground. The long, graceful sprays are charming as cut flowers. 1 ft.

1165 Salmon Queen. Double salmon pink. Packet 15c,; ¼ oz. 50c.

1170 White. Large, double flowers; pure white. Packet 15c.; ½ oz. 50c.

1175 **Brilllant.** Double; bright salmon scarlet. Packet 15c.; ½ oz. 50c.

1180 **Scarlet.** Double, glowing orange-scarlet flowers. Packet 15c.; ¼ oz. 50c.

1190 Double Mixed. Many brilliant colors. Packet 10c.; oz. 75c.



Early-flowering Cosmos

- 1195 **CLEOME pungens.** Spider Plant. (A.) Tall, robust annual with clusters of rose-colored flowers. 4 ft. Packet 15c.; ¼ oz. 75c.
- 1200 **COBAEA scandens.** A rapid-growing climber blooming the first season from seed sown in spring under glass. Large bell-shaped, purple flowers. 20 ft. Packet 15c.; ½ oz. 50c.
- 1210 **CONVOLVULUS, minor, Mixed.** (A.) Pretty hardy annual of dwarf compact habit with brilliant flowers in shades of blue, purple and pink. 1 ft. Packet 10c.; oz. 40c.
- **COSMOS.** (A.) One of the finest tall annuals, with feathery foliage and large, showy flowers in summer and autumn.
- **Double Crested.** Early-flowering race with beautiful crested blooms; useful for cutting. 4 ft.
- 1215 Crimson; 1220 Pink; 1225 White; 1230 Mixed, each, Packet 25c.
- **Early Flowering Single.** Early, giant-flowering strain of compact, bushy growth; blooms from July until frost. 4 ft.
- 1235 Pink; 1240 Crimson; 1245 White; 1250 Mixed, each, Packet 15c.; ¼ oz. 75c.
- 1255 Cosmos, Lady Lenox. Large pink flowers; late. 6 ft. Packet 15c.; 1/4 oz. 75c.
- 1260 Lady Lenox, White. White form of preceding. Late. 6 ft. Packet 15c.; ¼ oz. 75c.
- **CYCLAMEN.** Most popular Christmas plant, with bright cheerful flowers that continue to appear for several weeks. We offer the famous German strain, so widely grown for exhibition. Seeds are usually sown in July and August, to bloom at Christmas of the following year.
- 1265 Bright Red; 1270 Rose Pink; 1275 Rose of Zehlendorf, light salmon; 1280 Perle of Zehlendorf, dark salmon; 1285 Pure White; 1290 Salmon Scarlet; 1295 Mixed, each, Packet \$1.00.

- 1300 **CYNOGLOSSUM amabile.** Chinese Forget-menot. (A.) A splendid annual from China, producing large sprays of bright blue flowers. 1½ ft. Packet 25c.
- 1305 **CYPRESS VINE, Mixed.** (*Ipomoea Quamoclit.*) Graceful, twining annual climber with feathery foliage and star-shaped flowers in bright shades of pink, scarlet and white. 20 ft. Packet 10c.
- 1310 DAHLIA, Single Coltness Hybrids, Mixed. Fine, new race of bedding Dahlias. The plants are compact and bushy, producing continuous blooms from July on. Seeds should be sown indoors in spring and seedlings set out in early June. Excellent for vase decoration. The colors range from red, pink, yellow shades to white. 1½ ft. Packet 35c.
- **DELPHINIUM.** Larkspur. (P.) The most popular blue flowers of the hardy perennial border. Their tall spire-like blooms are admired by everyone. They delight in a rich, deeply prepared loam, with an occasional application of land lime.
- 1315 **Hollyhock Strain, Mixed.** Immense spikes of large blooms in many lovely shades of blue. 4 ft. Packet 75c.
- 1320 Large flowered Hybrids. Tall spikes in many pleasing color combinations and blue tones. 3 to 4 ft. Packet 25c.; ½ oz. \$1.25;
- 1325 **Belladonna.** Branching plant with spikes of clear azure blue flowers, nearly all summer. 4 ft. Packet 25c.; ½ oz. \$1.25.
- 1330 **Bellamosum.** Deep blue form of the preceding. 4 ft. Packet 25c.; ½ oz. \$1.25.
- 1335 **chinense.** (D. grandiflorum chinense). Varying shades of blue. 1½ to 2 ft. Packet 10c.; ½ oz.
- 1340 chinense, White.  $1\frac{1}{2}$  to 2 ft. Packet 10c.;  $\frac{1}{4}$  oz. \$1.00.



Delphiniums Hollyhock-Strain

**DIANTHUS.** Indian Pink. Free-flowering biennials which may be treated as annuals; indispensable for borders and beds. Exceedingly attractive for cutflower use.

1345 Double Fringed White. Pure, snow-white.

Packet 15c.; ¼ oz. 75c. 1350 Double Fringed Salmon Pink. Packet 15c.;

1355 Double Fireball. Bright crimson. Packet 15c.;

1/4 oz. 75c. 1360 **Heddewigi Double Mixed.** Many colors. Packet 10c.; 1/4 oz. 50c.

1365 Single Fringed Salmon Queen. Bright shade of salmon pink. Packet 25c.; ¼ oz. \$1.00. 1370 Single Fringed Orange-Scarlet. A brilliant,

showy color. Packet 15c.; ¼ oz. 75c. 1375 **Single Mixed.** Many beautiful colors. Packet

 $10c.; \frac{1}{4} \text{ oz. } 50c.$ 

1380 deltoides, Brilliant. Maiden Pink. (P.) attractive rockery and border plant of trailing habit,

with bright rosy crimson flowers. 6 in. Packet 25c. 1385 plumarius, Double Mixed. Grass Pink. (P.) Pretty double, fringed flowers, strongly spice-scented. Early-flowering. Packet 25c.

1390 DIDISCUS caerulea. Blue Lace Flower. Large umbels of pale lavender flowers; useful for cutting.  $1\frac{1}{2}$  ft. Packet 25c.;  $\frac{1}{8}$  oz. 60c.

**DIGITALIS.** Foxgiove. One of the most ornamental

border plants, producing tall, spire-like blooms.

1395 The Shlrley, Mixed. The finest strain of modern Foxgloves. Immense spikes of large, spotted flowers, ranging in color from ivory-white to light pink and deep rose. 4 to 5 ft. Packet 25c.; 1/4 oz. \$1.00.

1400 gloxinaeflora, Purple. (D. purpurea gloxinae-flora.) Gloxinia Foxglove. 4 ft. Packet 15c.; ½ oz. 50c.

1405 gloxinaeflora, White. 4 ft. Packet 15c.; 1/4 oz. 50c.

1410 gloxinaeflora, Rose. Very attractive shade. 4 ft. Packet 15c.; ½ oz. 50c.

1415 DIMORPHOTHECA aurantiaca. (A.) Showy annual from South Africa, of branching habit, with large daisy-like, shining orange flowers. 12 to 15 in. Packet 15c.; 1/4 oz. 75c.

1420 aurantlaca Hybrids. Shades of ivory, lemon, salmon and orange. Packet 15c.; ¼ oz. 75c.

1425 **DOLICHOS Lablab, Mixed.** Hyacinth Bean. A quick-growing annual vine with white or purple flowers in clusters. 10 ft. Packet 10c.

1430 DRACOCEPHALUM moldavica. (A.) Pretty annual with long spikes of blue flowers; useful for cutting. Packet 15c.

1435 ECHINOPS ritro. Steel Globethistle. (P.) Foliage whitish; flowers steely-blue. July, Aug. 3 ft. Packet 15c.

1440 **EDELWEISS.** (Leontopodium.) (P.) The whiteleaved plant of the Swiss Alps. Excellent for borders and rockwork. 6 in. Packet 25c.

1445 **ERIGERON** speciosus. Oregon Fleabanc. (P.) Daisy-like, pale mauve flowers with golden centers; fine for cutting. 1½ ft. Packet 15c.

1450 ERYNGIUM amethystinum. (P.) Globular, metallic-blue flowers. An everlasting, useful for winter-bouquets. July, Aug. 3 ft. Packet 25c.

1455 ERYSIMUM perofskianum. (A.) Beautiful wallflower-like blooms of bright orange. Packet 15c.



Dianthus Deltoides Brilliant

SCHSCHOLTZIA. California Poppy. (A.) A general favorite, easily grown in any soil. Sow seeds ESCHSCHOLTZIA. thinly and thin to six inches apart. 1 ft.

1460 Golden West. Bright orange-yellow. Packet

10c.; oz. 50c.

1465 Rose Cardinal. Brilliant rose. Packet 10c.;

oz. 50c. 1470 **Vesuvius.** Rich glowing wallflower-red. Packet 15c.; 1/4 oz. 50c.

1475 The Geisha. Fluted; gold and orange-red. Pack-

et 15c.; ¼ oz. 50c. 1480 **Mikado.** Bright orange-crimson. Packet 15c.;  $\frac{1}{4}$  oz. 50c.

1490 Californica alba. Large, pure white flowers.

Packet 10c.; oz. 50c. 1495 **Mixed.** Many showy colors. Packet 10c.; oz. 50c.

1500 EUPATORIUM fraseri. Thoroughwort. (P.) Clusters of pure white flowers, attractive cut-flower. Aug., Sept. 2 ft. Packet 25c.

1505 **EUPHORBIA** variegata. (E. marginata.) Snow-on-the-Mountain. (A.) Light green and white variegated foliage; excellent for bouquets. 2 ft. Packet 10c.; ¼ oz. 35c.

GAILLARDIA. Blanket Flower. (A.) Showy annual producing large flowers, useful for cutting. 1510 Indian Chief. New and beautiful; flowers bronzy-red. Packet 15c.

1515 Single Mixed. (A.) Shades of yellow and red. Packet 10c.; ¼ oz. 25c. 1520 Lorenziana, Double Mixed. (A.) Red and yellow. Packet 15c.; 1/4 oz. 50c.

1525 grandiflora, Mixed. (P.) One of the finest perennials. Shades of red and yellow. Blooms all summer. 3 ft. Packet 15c.; 1/4 oz. 50c.

1530 GAURA Lindheimeri. A perennial which flowers the first season from seed. Long, graceful sprays of white flowers, tinted red. Packet 15c.;  $\frac{1}{4}$  oz. 50c.



Newport Pink Hollyhock

- 35 **GERBERA Jamesoni Hybrids.** Transvaal-Daisy. Beautiful, daisy-like flowers, with long, narrow curved petals. Colors range through many charming variations of pink, orange, salmon, ruby and violet. Unexcelled for cutting, last many days in water. Packet 50c.
- 1540 **GEUM, Mrs. Bradshaw.** (P.) Large double, bright scarlet blooms in profusion throughout the summer. Attractive as a cut-flower. 2 ft. Packet 25c.
- 1545 Lady Strathedon. (P.) Double, pure orange yellow. Packet 25c.
- on long stems; useful for cutting. 1½ ft. Packet 1550 GILIA capitata.
- 1555 GLOBE AMARANTH, Mixed. (A.) Pretty everlasting with globular flowers of purple, orange, rose and white. 1 ft. Packet 10c.; ¼ oz. 25c.
- 1560 GLOXINIA, Giant Mixed. (P.)greenhouse perennial. Large flowers, including many beautiful self-colors and spotted varieties, in pure white, pink, scarlet, crimson and purple. I ft. Packet \$1.00.
- GODETIA. (A.) Showy hardy annual with large, satiny flowers, unexcelled for cutting. 1 to 2 ft. 1565 Duchess of Albany. Single. Satiny white. Packet 10c.; 1/4 oz. 50c.

- 1570 Rosy Morn. Double, Salmon-rose. Packet 15c.;  $\frac{1}{4}$  oz. 75c.
- 1575 Gloriosa. Single. Deep crimson. Packet 10c.;
- 1/4 oz. 60c. 1580 **Double Mixed.** Many beautiful colors. Packet 10c.; ½ oz. 35c.
- 1585 GOURDS, Ornamental Mixed. (A.) Stronggrowing annual climbers producing curiously-shaped fruits. 10 to 15 ft. Packet 10c.; oz. 30c.
- GRASSES, Ornamental. (A.) Graceful plants, attractive for garden display and winter bouquets.
- 1590 Pennisetum ruppelianum. Purple Fountain Grass. 3 ft. Packet 15c.
- 1595 longistylum. Excellent for bouquets. 2 ft. Packet 15c.
- **GYPSOPHILA.** Baby's Breath. (A.) Pretty annual with graceful sprays of bloom, indispensable for
- mixing in bouquets. 1½ ft. 1605 elegans grandiflora alba. (A.) Large-flowered pure white. Packet 10c.; oz. 50c.
- 1610 elegans rosea. (A.) Light pink form. Packet 10c.; oz. 50c.
- 1615 paniculata. (P.) Myriads of tiny white flowers. Used in bouquets. July, Aug. 2 ft. Packet
- 10c.;  $\frac{1}{4}$  oz. 50c. 1620 paniculata, fl. pl. (P.) Double white. Packet 25c.
- 1625 **HELENIUM autumnale.** Sneezeweed. (P.) Splendid, tall, late-flowering perennial. Golden yellow. 5 ft. Packet 25c.
  1630 **Riverton Gem.** (P.) Old gold, suffused terracotta, changing to wallflower-red. 4 ft. Packet 25c.
- HELICHRYSUM. Strawflower. (A.)The most
- popular of the everlastings with large, double flowers.
  Useful for winter-bouquets. 2 ft.

  1635 Crimson; 1640 Golden Yellow; 1645 Rose;
  1650 Salmon; 1655 White, each color, Packet 15c.;
- $\frac{1}{4}$  oz. 60c. 1660 **Mixed.** Packet 10c.; 1/4 oz. 50c.
- 1665 **HEUCHERA** sanguinea. Coralbells. (P.)
  Dainty perennial producing erect spikes of bright crimson, bell-shaped flowers; charming in the rockgarden and excellent as a cut flower. July, Aug. 1 ft. Packet 25c.
- 1675 HIBISCUS moscheutos roseus. Mallow. (P.) Large, single pink flowers. July to Sept. 4 ft. Packet 15c.; 1/4 oz. 50c.
- 1680 HESPERIS matronalis, Purple. Rocket. (P.) Fragrant, purple flowers, in spring. 3 ft. Packet  $10c.; \frac{1}{4} \text{ oz. } 50c.$
- 1685 matronalis, White. Packet 10c.; 1/4 oz. 50c.
- **HOLLYHOCK.** Althea rosea. Hollyhocks are indispensable in the hardy garden. Their stately
- beauty is admired by everyone. 6 to 8 ft.

  Double Varieties. These are the most popular with their tall spikes of clustered, double flowers.

  1695 Newport Pink; 1700 Salmon; 1705 Yellow; 1710 Maroon; 1715 White; 1720 Mixed, each Packet 25a : 1/ oz. 75a
- Packet 25c.; ¼ oz. 75c. 1725 **Single Mixed.** Many charming colors. Packet 25c.;  $\frac{1}{4}$  oz. 75c.
- 1730 **HONESTY, Mixed.** (Lunaria biennis.) A pretty everlasting, useful for winter bouquets. Flowers purple or whitish, followed by round silvery seed pods. 2 ft. Packet 10c.; ½ oz. 50c.
- 1735 **HUMULUS japonicus.** Japanese Hop Vine. Ornamental annual climber. 12 ft. Packet 10c.;  $\frac{1}{4}$  oz. 35c.

- 1740 HUNNEMANNIA fumariaefolia. Giant Yellow Poppy. (A.) Attractive annual with glaucus leaves and large poppy-like flowers of rich buttercup-yellow. 2 ft. Packet 10c.; ½ oz. 50c.
- 1745 IPOMOEA, Heavenly Blue. (A.) A beautiful climber, producing large, azure-blue flowers. Sow seeds indoors in pots and transplant to the open ground in early June. Packet 15c.; ¼ oz. 75c. 1750 grandiflora alba. Moonflower. (A.) Large,

fragrant, white flowers, opening in the evening. Climbs 20 to 30 ft. Packet 10c.; ¼ oz. 35c. 1755 imperialis, Mixed. Japanese Morning Glory.

- (A.) Large flowers in many beautiful colors. 10 ft. Packet 10c.; oz. 50c.
- 1760 purpurea, Mixed. Common Morning Glory. (A.) Popular climber; bright colors. Packet 10c.; oz. 25c.
- 1770 KENILWORTH IVY. (Linaria cymbalaria.) A pretty trailing plant with violet-blue flowers; useful for hanging pots, vases, etc. Packet 15c.
- 1775 KOCHIA trichophila. Summer Cypress; Mexican Firebush. (A.) Bushy, compact plant with light green foliage, turning red in the fall. 3 ft. Packet 10c.; ¼ oz. 25c.
- **LARKSPUR.** (A.) One of the most attractive. annuals. Useful for garden display and cutting. Sow seeds in spring and thin plants to six inches apart.
- Giant Imperial. A beautiful modern strain of upright habit with tall spire-like spikes of double flowers
- 1780 White Spire; 1785 Blue Spire; 1790 Exquisite Pink Improved; 1795 Mixed, each, Packet 25c.
- 1800 Larkspur, Blue Butterfly. Bright, clear blue flowers, very dainty in bouquets. 1½ ft. Packet 25c.; ¼ oz. \$1.00.
- 1805 LAVATERA rosea splendens. Annual Mallow. (A.) Large satiny pink flowers, excellent for cutting. 3 ft. Packet 15c.; ¼ oz. 60c.
- 1810 Alba splendens. (A.) Satiny white. Packet 15c.;  $\frac{1}{4}$  oz. 60c.
- 1815 LATHYRUS latifolius, Mixed. Perennial Sweet Pea. Splendid hardy climber, useful for covering fences and stumps. Blooms all summer. Various shades of pink, carmine and white. 6 ft. Packet  $10c.; \frac{1}{4} \text{ oz. } 50c.$
- 1820 LAVENDER. (Lavandula vera.) (P.) Spikes of fragrant blue flowers.  $1\frac{1}{2}$  ft. Packet 15c.
- 1825 LAYIA elegans. (A.) Dainty little annual with showy canary-yellow flowers, edged white. 1 ft. Packet 15c.
- 1830 LEPTOSYNE maritima. (A.) Large, fragrant, daisy-like yellow flowers, useful for cutting 2 ft. Packet 15c.; 1/4 oz. \$1.00.
- 1835 LINARIA maroccana, Excelsior Mixed. (A.) Pretty white, yellow, pink or blue flowers. Packet 15c.
- 1840 LIATRIS spicata. Spike Gayfeather. Showy spikes of bright violet-purple. 2 ft. Packet 25c.
- 1845 LINUM perenne, Blue. Perennial Blue Flax. Handsome border plant. June to Aug.  $1\frac{1}{2}$  ft. Packet 15c.;  $\frac{1}{4}$  oz. 40c. 1850 **perenne, White.**  $1\frac{1}{2}$  ft. Packet 15c.;  $\frac{1}{4}$  oz.
- 40c.
- 1855 grandiflorum rubrum. Scarlet Annual Flax.
  (A.) Useful bedding variety with bright scarlet flowers. Packet 10c.; ¼ oz. 25c.

- 1860 LOBELIA Crystal Palace Compacta. Deep blue, dwarf bedding variety. 4 in. Packet 25c.; ½ oz. \$1.00.
- 1865 **gracilis.** (A.) Favorite spreading variety for hanging baskets. Light biue. Packet 15c.; ½ oz.
- 1870 **cardinalis.** Cardinal Flower. (P.) Showy clusters of intense scarlet flowers. Useful for moist locations. Aug. to Oct. 2 ft. Packet 25c.
- LUPINUS. Lupine. Both the annual and perennial Lupins are indispensable for garden display and cutting. Their tall spikes of pea-shaped flowers are admired by all.
- **Hartwegi.** Splendid annual class, desirable for cutting. 2 ft.
- 1875 White; 1880 Sky Blue; 1885 Dark Blue; 1890 Rose; 1895 Mixed, each, Packet 10c.; 1/4 oz. 35c.
- 1900 polyphyllus, Blue. Washington Lupine. (P.) Tall spikes of deep blue flowers. 3 ft. Packet 10c.; oz. 75c.
- 1905 polyphyllus, White. (P.) 3 ft. Packet 10c.; oz. 75c.
- (P.) Bright rosy pink. 3 1910 polyphyllus, Rose. ft. Packet 15c.; 1/4 oz. 50c.
- 1915 polyphyllus, Mixed. (P.) Packet 10c.; oz.
- 1920 LYCHNIS Arkwrighti. (P.) Free-flowering perennial; showy blooms in many bright shades of pink, rose and red. June to Sept. 2 ft. Packet 25c. 1925 chalcedonica. Jerusalem Cross. (P.) Bright scarlet. June to Sept. 2 ft. Packet 10c.; ½ oz.
- 1930 Haageana hybrida, Mixed. (P.) showy flowers in many brilliant shades of scarlet, crimson and pink. June to Aug. 1 ft. Packet 15c.
- 1935 LYTHRUM roseum superbum. Rose Loosestrife. (P.) Tall, erect spikes of bright rose flowers. July to Sept. 4 ft. Packet 15c.
- 1940 MALOPE grandiflora, Mixed. Mallow. (A.) Large, sating flowers in shades of pink, red and white. 3 ft. Packet 10c.; oz. 60c.
- 1945 MALVA moschata. Musk Mallow. Fragrant, rose-colored flowers. 2 ft. Packet 15c.
- MARIGOLD. (Tagetes.) (A.) The African Marigolds are tall plants, producing showy, large double flowers; the French type have smaller flowers, some beautifully striped.
- 1950 African, Double Orange. Large globular, bright orange flowers. 3 ft. Packet 15c.
- 1955 African, Double Lemon. 3 ft. Packet 15c.

- 1955 African, Double Lemon. 3 It. Packet 15c.
  1960 African, Double Mixed. Shades of orange and lemon. 3 ft. Packet 15c.; ¼ oz. 50c.
  1965 French, Tall Double Mixed. Shades of yellow and brown. 2 ft. Packet 10c.; ¼ oz. 50c.
  1970 French, Dwarf Double Mixed. Shades of brown and yellow. 1 ft. Packet 10c.; ¼ oz. 50c.
- 1975 **Tagetes signata pumila.** Pretty dwarf, single-flowered Marigold, desirable for edgings. Flowers
- golden yellow. 9 in. Packet 15c.; ¼ oz. 50c.

  1980 **Legion of Honor.** (Little Brownie.) Golden yellow, spotted velvety crimson. Single. 1 ft. Packet 15c.; ¼ oz. 50c.
- 1985 Tall French Josephine. Single flowers of rich, velvety dark brown, edged old gold. 2 ft. Packet 15c.;  $\frac{1}{4}$  oz. 50c.



1990 MATRICARIA eximia, Silver Ball. Feverfew. Showy double, silvery white flowers, useful for cutting. 1½ ft. Packet 25c.

1993 Golden Ball. Large heads of golden yellow flowers. Packet 25c.

1995 MATTHIOLA bicornis. (A.) Night-scented Stock. Lilac flowers with a sweet fragrance at night. 1 ft. Packet 15c.

2000 MIGNONETTE, Machet. (Reseda odorata.) (A.) A splendid strain with dense trusses of delightfully fragrant, reddish-green flowers. 12 to 15 in. Packet 10c.; ¼ oz. 50c.

2005. Golden Machet. (A.) Large spikes of richly scented golden orange flowers. 1 ft. Packet 10c.;  $\frac{1}{4}$  oz. 25c.

2010 Goliath. (A.) Giant trusses of reddish flowers; pleasingly fragrant. 12 to 15 in. Packet 15c.; 1/4 oz

2015 **odorata grandiflora.** (A.) The old-fashioned sweet mignonette. 1 ft. Packet 10c.; oz. 35c.

2020 MIMOSA pudica. Sensitive Plant. (A.) teresting plant with rosy lilac flowers; leaves close when touched. 1½ ft. Packet 15c.

2025 MIRABILIS Jalapa, Mixed. Four o'Clock; Marvel of Peru. (A.) Excellent for borders and as temporary flowering hedge. Flowers are brilliantly colored. 2 ft. Packet 10c.; oz. 35c.

2030 MYOSOTIS alpestris, Victoria. Forget-menot. (P.) Dwarf, compact variety; dense umbels of bright blue flowers in spring. 6 in.  $\frac{1}{8}$  oz. \$1.00.

2035 alpestris, White. (P.) White form of preceding. 6 in. Packet 15c.

2040 alpestris, Pink. (P.) Light pink. 6 in. Packet 15c.

2045 palustris semperflorens. Everblooming Water Forget-me-not. (P.) Large, bright blue flowers throughout the summer. Packet 25c.

**NASTURTIUM.** Tropaeolum. (A.) Hardy annuals,

easily grown anywhere, but preferring a light soil.

Dwarf Varieties. These grow about one foot high with showy blooms above the large, round leaves. Useful for borders and edgings.

2050 Empress of India. Dark-leaved variety with

rich, velvety crimson flowers. 2055 **Golden King.** Dark foliage; flowers deep vellow.

2060 **Salmon Rose.** Dark foliage; striking flowers. 2065 King Theodore. Dark foliage; maroon flowers.

2070 Pearl. Light green leaves; flowers ivory-white. 2075 King of Tom Thumbs. Ornamental foliage; flowers rich scarlet.

Any of above Dwarf Nasturtiums, Packet 10c.; oz. 25c. 2080 Dwarf Mixed. Splendid mixture, including

many of the most effective colors. Packet 10c.; oz. 20c.; ¼ lb. 60c.; lb. \$2.00.

Tall or Running Varieties. Useful climbing annuals of vigorous growth, producing large flowers, unsurpassed for cutting. 8 to 10 ft.

2085 Orange. Bright, cheerful color.

2090 Scarlet. Rich velvety scarlet.

2095 Golden Yellow. Attractive bright shade.

2100 King Theodore. Foliage dark-green; flowers

deep maroon.

2105 Salmon Rose. Glowing salmon shade.

2110 Pearl. Soft shade of ivory white.

Any of above Tall Nasturtiums, Packet 10c.; oz. 25c. 2115 **Tall Mixed.** This grand mixture includes many of the finest and most colorful of the named varieties;

delightfully fragrant; free-flowering. Packet 10c.; oz. 20c.; ½ lb. 60c.; lb. \$2.00.

2120 NEMESIA strumosa Suttoni, Mixed. Charming annual adapted both for summer bedding outdoors and pot-culture in the greenhouse. Many bright shades of yellow, orange, rose, crimson, blue and white. 1 ft. Packet 25c.

2125 **NEMOPHILA Insignis.** Baby Blue-Eyes. (A.) Free-flowering dwarf annual with pretty light blue

flowers. 1 ft. Packet 10c.; oz. 50c. 2130 insignis, Mixed. (A.) Shades of lilac, blue, brown and white. 1 ft. Packet 10c.; oz. 50c.

2135 **NEPETA Mussini.** (P.) Vigorous plant of spreading habit; masses of light blue flowers nearly Vigorous plant of all summer; excellent for borders and rockwork. 8 in. Packet 25c.

2140 NICOTIANA affinis. Flowering Tobacco. (A.) Fragrant, pure white tubular flowers. 3 ft. Packet 10c.; ¼ oz. 35c.

2145 **affinis Hybrids.** (A.) Shades of white, cream, rose and mauve. 3 ft. Packet 15c.; ¼ oz. 60c. 2150 **Sanderae Hybrids.** (A.) Large-flowered strain with trumpet-shaped blooms in shades of pink, rose and carmine. 3 ft. Packet 15c.; 1/4 oz. 50c.

2160 NIGELLA, Miss Jekyll. Love-in-a-Mist. (A.) Dainty flowers, useful for bouquets. Cornflower-blue. 1½ ft. Packet 10c.; ¼ oz. 40c.

2165 Miss Jekyll, White. White-flowered form of the preceding. 1½ ft. Packet 10c.; ¼ oz. 40c.

2180 OENOTHERA Youngi. (OE fruticosa Youngi.) Evening Primrose. (P.) Showy perennial producing bright yellow flowers all summer. 2 to 3 ft. Packet 25c.

2185 Lamarckiana. (P.) Very large bright yellow

flowers. 3 ft. Packet 10c.

2190 missouriensis. Ozark Sundrops. (P.) Prostrate plant, useful in rock-garden. Flowers clear yellow. June to Aug. 10 in. Packet 15c. (P.) Pros-

- **PANSY.** Pansies delight in a cool, well-drained soil; part shade is preferable. During dry weather water them generously. A light mulch should be given for winter protection.
- 2195 **Superb Mixed.** A choice strain of large-flowered Pansies, comprised of a superb range of the finest colors. Packet 50c.; ½ oz. \$2.00.
- 2200 Swiss Giants, Mixed. A remarkable strain of recent introduction. Flowers are immense in size, borne on long stems; plants are very robust and free-The color-range includes many new and flowering. novel shades. Packet 50c.
- 2205 Mme. Perret. Showy flowers in charming wine colors, edged white. Packet 25c.; ¼ oz. \$1.50. Giant Trimardeau. A superb strain of large-
- flowered Pansies.
- 2215 Cornflower Blue, deep blue; 2220 Light Blue; 2225 Golden Queen; 2230 King of the Blacks;
  - 2235 Lord Beaconsfield, violet, shading to white,
  - 2240 Cardinal, brilliant red; 2245 Pure White;
  - 2250 Trimardeau Mixed, each, Packet 15c.; ¼ oz. \$1.25.
- Tufted Pansy (see Viola).
- 2255 **PENTSTEMON** hybrida grandiflora Mixed. A perennial which may be had in flower for summer bedding if sown early in the season. The flowers are brilliant, borne on tall spikes; excellent for cutting. 2 ft. Packet 50c.
- **PETUNIA.** Popular annuals of easy culture. Useful for bedding, window-boxes and as pot-plants. Probably no other annual is as lavish in the production of flowers, nor as adaptable to such a variety of uses.
- Giant-flowered Single Varietles 2260 Ruffled Giants, Mixed. A remarkable strain. The flowers are immense in size, with deeply ruffled edges. The colors range from pure white to pink, rose, crimson and purple. Packet 50c.
- 2265 **Elk's Pride.** Large, plain-edged flowers of velvety, deep royal purple. An improved Violet Queen. Packet 50c.
- 2270 Giant Ruffled White. Large, single fringed white flowers. Packet 50c.



Double Fringed Petunia



Ruffled Giant Petunias

#### **PETUNIAS, Continued**

- 2275 Giant Ruffled Plnk. Fine shade; flowers beautifully ruffled. Packet 50c.
- Single Bedding Varieties. These are the single, plain edged types so popular for bedding and window boxes. 8 to 12 in.
- 2280 General Dodds. Blood-red; striking color. Packet 15c.; 1/4 oz. 75c.
- 2285 Rosy Morn. Most popular pink Petunia. 8 in. Packet 15c.; ½ oz. \$1.50.
- 2290 Rose of Heaven. A deep pink variety which now widely used. 8 in. Packet 25c.; 1/8 oz. \$1.00.
- 2295 Dwarf Vlolet. Deep violet-blue. 8 in. Packet 25c.;  $\frac{1}{8}$  oz. \$1.00
- 2300 Snowball. Pure white, dwarf variety. 8 in. Packet 25c.; 1/8 oz. \$1.00
- 2305 Howard's Star, Improved. Rich, dark velvety crimson with showy white star in center. 1 ft. Packet 25c.; ¼ oz. \$1.00.
- 2310 Single Bedding, Mixed. A choice mixture of the plain-edged single Petunias in great variety. Packet 10c.; 1/4 oz. 75c.
- Giant-flowered Double Varieties. These produce a good percentage of double flowers from seed; the finest double flowers are usually raised from the smaller seedlings; do not discard them.
- 2315 Double Fringed, Mlxed. Large flowers, heavily fringed, in many beautiful colors. Packet 75c.
- 2320 **Double Fringed, White.** Snow-white. Packet 75c.
- 2325 Double Fringed, Pink. Very choice. Packet
- Balcony Petunias. A free-flowering class particularly effective in window-boxes, but also adapted for bedding; flowers single, plain edged.
- 2330 Blue; 2335 Crimson; 2340 Rose; 2345 White; 2350 Mixed, each, Packet 25c.



Oriental Poppy

- 2355 **PHACELIA campanularia.** (A.) Pretty annual of dwarf habit, useful in the rock-garden and border. Deep bue bell-shaped flowers. 9 in. Packet 10c.; ¼ oz. 60c.
- **PHLOX drummondi grandlflora.** (A.) One of the best annuals for bedding; free-flowering. Most effective when colors are grown separately. Excellent for cutting. We offer the large-flowered type. 1 ft.
- 2365 Blood Red; 2370 Scarlet, dark eye; 2375 Pink; 2380 Salmon Pink; 2385 Pure White; 2390 Yellow (Isabellina); 2395 Vlolet, white eye; 2400 Mlxed, each, Packet 10c.;  $\frac{1}{4}$  oz. 85c.
- **Phlox drummondl, Dwarf.** Charming class of compact, dwarf habit, useful for low borders and edgings; free-flowering. 8 in.
- 2410 Scarlet; 2415 Salmon Pink; 2420 White; 2425 Yellow; 2430 Mixed, each, Packet 25c.; ½ oz. \$1.25.
- 2435 PHYSALIS Franchettl. Chinese Lantern Plant. Attractive, balloon-shaped husks, bright orange-red in color. Useful for winter-decoration. Sow in early spring under glass and transplant to border in late May. 2 ft. Packet 15c.; ¼ oz. 75c.
- 2440 **PHYSOSTEGIA** virginiana grandiflora. False Dragonhead. (P.) Beautiful border plant producing long-stemmed light pink flowers in July and August; excellent for cutting. 3 ft. Packet 15c.; ¼ oz. \$1.00.
- 2445 virglniana grandiflora alba. (P.) White. 3 ft. Packet 25c.; ¼ oz. \$1.00.
- 2450 **PLATYCODON grandiflorum.** Japanese Balloon Flower. (P.) Large bell-shaped buds opening wide to handsome deep blue flowers. May to Oct. 2 ft. Packet 15c.; ¼ oz. \$1.00.
- 2455 **grandiflorum album.** (P.) White. 2 ft. Packet 15c.; 1/4 oz. \$1.00.
- 2460 Mariesi. (P.) Dwarf, compact habit; rich violet. 1 ft. Packet 25c.; ¼ oz. \$1.25.

- 2465 **POLEMONIUM** caeruleum grandiflorum. *Greek Valerian; Jacob's Ladder.* (P.) Clusters of charming blue flowers. June, July. 2 ft. Packet 15c.
- 2470 c. album grandiflorum. (P.) White. 2 ft. Packet 15c.
- **POPPY.** Papaver. **Annual Varieties.** Seeds should be sown in early spring where the plants are to flower; the seedlings should be thinned to stand several inches apart, if necessary.
- 2475 Shirley, Selected Single Mixed. (A.) An improved strain with charming, silky flowers in various shades, including pure white, pink, rose, carmine and crimson. Packet 10c.; 1/4 oz. 35c.; oz. \$1.00.
- 2480 glaucum. Tulip Poppy. (A.) Showy, dazzling scarlet, single flowers. 1 ft. Packet 10c.; 1/4 oz. 35c.
- 2485 **Mephisto.** Scarlet with blackish-violet spots; single. 1½ ft. Packet 10c.; ¼ oz. 35c.
- 2490 **The Bride.** (A.) Pure white flowers; single. Packet 10c.; ½ oz. 25c.
- 2495 Eldorado Double Shirley Mixed. (A.) Double and semi-double flowers of silk-like texture. Exquisite colors. Packet 25c.; 1/4 oz. 75c.
- 2500 Carnation-flowered Mixed. (A.) Large, double, fringed flowers in various showy colors. 2 ft. Packet 10c.; ¼ oz. 25c.
- 2505 **Paeony-flowered Mixed.** (A.) Large, double flowers in great variety of pleasing colors. 2 ft. Packet 10c.; ¼ oz. 25c.
- 2510 **Special Mixture of Annual Popples.** A superb mixture, comprised of single and double varieties including the most brilliant as well as the most delicate shades. Effective when grown in large beds. Packet 15c.; oz. 50c.

#### Poppy, Perennial Varletles.

- 2515 **nudicaule, Mixed.** Iceland Poppy. (P.) Splendid class, with dainty, silky flowers on slender stems. Colors include many beautiful tones of yellow, scarlet and white. Packet 25c.; ¼ oz. \$1.25.
- 2520 nudicaule, Coonara Pink. Various shades of pink; one of the handsomest of the newer introductions. Packet 35c.
- 2525 **orientale.** Oriental Poppy. (P.) Large, orange scarlet flowers with black spots. May to July. 3 ft. Packet 10c.; ¼ oz. 75c.
- 2530 **orlentale, Mixed Hybrids.** (P.) Enormous flowers, the colors varying from blush to salmon, orange and crimson. 3 ft. Packet 25c.; ½ oz. \$1.25.
- 2535 **orientale, Mrs. Perry.** (P.) Silvery, salmon pink flowers. 3 ft. Packet 25c.
- 2540 **PORTULACA, Single Mixed.** (A.) The color range includes the most brilliant colors, for which this class is unsurpassed. 6 in. Packet 10c.; ½ oz. 40c.
- 2545 **Portulaca, Double Mixed.** (A.) A fine annual with many double flowers in shades of pink, red, salmon, scarlet, orange, yellow and white. 6 in. Packet 25c.; ½ oz. \$1.25.

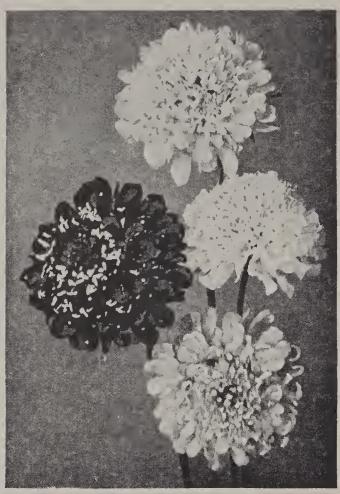
- **PRIMULA chinensis.** Chinese Primrose. Elegant pot-plants with very large showy flowers; free-flowering.
- 2560 Giant Pink; 2565 Giant Blue; 2570 Giant Red; 2575 Giant Salmon; 2580 Giant White; 2582 Glant Mixed; each, Packet \$1.00.
- **obconica grandiflora.** An improved strain, with large flowers; plants compact; free-flowering.
- 2590 Salmon; 2595 Plnk; 2600 Red; 2605 Mixed, each, Packet 50c.
- 2610 malacoldes. Beautiful lavender-pink flowers on graceful spikes. Elegant pot-plant. Packet 50c.
- PRIMULA, Perennial Varieties. Hardy Primrose. Useful perennials for spring bedding and natural plantings in woodlands and rock-gardens.
- 2615 **acaulls, Yellow.** English Primrose. (P.) Fragrant, clear yellow flowers. Packet 25c.
- 2620 **acaulls, Mixed.** Large flowers in a wide variety of brilliant colors. Packet 25c.
- 2625 polyantha, Giant Mixed. (Polyanthus.) (P.) Large-flowered strain, the showy colors varying from white, yellow, pink, rose, crimson to deep maroon. Useful for outdoor-bedding, and for greenhouse forcing as well. 9 in. Packet 25c.
- 2630 polyantha, Munstead Strain. Large flowers in charming shades of yellow and white. Admirable for natural plantings and rockwork. 9 in. Packet 25c.
- 2635 **PYRETHRUM aureum.** Golden Feather. (A.) A dwarf variety grown for its handsome, fern-like, yellow foliage; excellent for edging flower beds and borders. 6 to 9 in. Packet 15c.; ¼ oz. 50c.
- 2640 roseum, Single Hybrids, Mixed. Persian Daisy; Painted Daisy. (P.) Attractive perennial, widely cultivated for its handsome, large, daisy-like flowers. The color range includes many pleasing shades of pink, rose, scarlet, crimson and white. June. 2 ft. Packet 15c.
- 2645 **roseum, Double Hybrids, Mixed.** (P.) Large double and semi-double, crested flowers in various bright shades. Packet 25c.
- 2650 **RHODANTHE Manglesi.** (A.) Annual everlasting with charming, bright rose flowers; useful for winter-bouquets. 1½ ft. Packet 15c; ¼ oz. 50c.
- 2655 **Mixed.** (A.) Shades of pink, rose, crimson and white. 1½ ft. Packet 10c.; ¼ oz. 40c.
- 2660 RICINUS, zanzibarensis, Mixed. Castor Oil Plant. (A.) Rapid-growing tender annual, useful where bold, massive foliage effects are required. Large leaves varying in color from light green to bronze and purple. 10 to 12 ft. Packet 10c.; oz. 25c.
- 2665 RUDBECKIA blcolor superba. Coneflower.

  (A.) Showy, golden yellow, single flowers with contrasting chestnut-brown markings; excellent for cutting. 2 ft. Packet 15c.; 1/4 oz. 50c.
- 2670 **Newmannl.** (R. speciosa). (P.) Showy hardy perennial, with large, single golden yellow flowers; much esteemed for cutting. Aug. Sept. 3 ft. Packet 15c.
- 2675 **purpurea.** (Echinacea purpurea.) Purple Coneflower. (P.) Large rosy purple flowers; excellent for bouquets. July to Oct. 3 ft. Packet 15c.



Salvia splendens, Bonfire

- **SALPIGLOSSIS.** (A.) Showy half-hardy annual, producing a gorgeous color display in the garden or as cut-flowers. We offer the large-flowered strain. 2 ft.
- 2680 Crimson; 2685 Purple and Gold; 2690 Scarlet and Gold; 2695 Rose and Gold; 2700 Violet; 2705 Golden Yellow; 2710 Mixed, each, Packet 15c.; ¼ oz. \$1.00.
- 2715 **SALVIA splendens, Bonfire.** The finest type. Bushy, compact plants, producing a profusion of bright scarlet flowers from August to frost. 2 to 3 ft. Packet 25c.; ½ oz. 85c.
- 2720 splendens grandiflora. Tall variety with large trusses of bright scarlet flowers; late. Packet 10c.; 1/4 oz. \$1.00.
- 2725 **Zurich.** Attractive, dwarf Salvia with masses of brilliant scarlet flowers from August to frost. 1 ft. Packet 25c.; ½ oz. \$1.25.
- 2730 **patens.** Large, bright velvety blue flowers; unsurpassed for cutting. Packet 25c.; ½ oz. \$1.75.
- 2735 **farinacea.** Tall spikes of lavender-blue flowers. A favorite for vase decoration. Packet 25c.; ½ oz. \$1.00.
- 2740 **SAPONARIA Vaccaria.** (A.) Pale, satiny rose-colored flowers; most attractive as a cut-flower. 2 ft. Packet 10c.; ½ oz. 25c.
- 2745 **ocymoides splendens.** Rock Soapwort. (P.) Trailing hardy perennial, useful for the low border or rock-garden. Flowers deep red. May to Aug. 6 in. Packet 15c.; ¼ oz. 50c.
- 2750 **SANVITALLIA** procumbens, fl.-pl. (A.) Dwarf annual of easy culture. Flowers bright yellow with dark centers; semi-double and double. 6 in. Packet 15c.; ½ oz. 75c.



Scabiosa (Mourning Bride)

- SCABIOSA. Sweet Scabious; Mourning Bride. (A.) One of the most desirable annuals, easy to grow and free-blooming. Invaluable for cutting. 2 ft.
- 2755 King of the Blacks; 2760 Rose Pink; 2765 Cherry Red; 2770 Ageratum Blue; 2775 White; 2780 Sulphur Yellow; 2790 Double Mixed, each, Packet 10c.; ¼ oz. 50c.
- 2795 **caucasica.** Caucasian Scabiosa; Pincushion Flower. (P.) Large, light blue flowers; esteemed for cutting. One of the finest perennials. June to Aug. 2 ft. Packet 15c.; ½ oz. \$1.25.
- 2800 caucasica alba. (P.) Pure white flowers. Packet 25c.
- **SCHIZANTHUS.** Butterfly Flower. (A.) Elegant, hardy annual, widely used for pot-culture in the greenhouse, but also easily grown in the garden. The graceful sprays of colorful flowers are esteemed for cutting. 1 to 1½ ft.
- 2805 **Giant Hybrids, Improved Mixed.** A superior strain of the large-flowered type. The color range is magnificent. Recommended for greenhouse culture as well as for garden display. Packet 50c.
- 2810 **Wisetonensis.** Very attractive strain, the colors varying from white to pink, with brown centers. Packet 25c.; ½6 oz. \$2.00.
- 2815 **retusus, Rose Pink.** Lovely shade of rosepink; excellent for pot-culture and cutting. Packet 25c.
- 2820 **hybridus grandiflorus.** Many beautiful colors. Packet 15c.; ½ oz. 60c.

- 2825 **SEDUM caeruleum.** Blue Annual Stonecrop. (A.) A dwarf plant, useful for edgings and rockwork. Flowers blue. 3 in. Packet 25c.
- 2830 **acre.** Goldmoss. (P.) The most popular of the hardy Sedums, of trailing habit and useful for edgings, rockwork and dry, sunny situations. Flowers yellow. 4 in. Packet 25c.
- 2835 **SIDALCEA**, **New Hybrids Mixed.** Prairie Mallow. (P.) Charming perennial with spikes of mallow-like flowers. Colors range through attractive pink and rose shades. Stunning cut-flowers; blooms all summer. 2 to 3 ft. Packet 25c.
- 2840 **SILENE Armeria, Mixed.** Catchfly. (A.) Hardy annual; free-flowering. Various shades of white, pink and red. 1 ft. Packet 10c.; ¼ oz. 25c.
- 2845 **orientalis.** (P.) An uncommon variety, but very attractive. Of tall, branching habit, with large heads of fragrant, pink flowers. 3 ft. Packet 15c.
- 2850 **Schafta.** (P.) Trailing plant, adapted to the rock-garden and edgings; rosy purple flowers. 4 to 6 in. Packet 15c.
- **STATICE** sinuata. Sea Lavender. (A.) Large-flowered variety. Useful for winter bouquets. 2 ft.
- 2860 True Blue; 2865 rosea superba, bright rose; 2870 White; 2875 Mixed; each, Packet 15c.; ¼ oz. 40c.
- 2880 Statice Bonduelli. (A.) Yellow flowers, charming in bouquets. Packet 15c.
- 2885 **suworowi.** (A.) Beautiful annual Statice with clusters of bright rose blooms. Widely used for potculture and bouquets. 1½ ft. Packet 15c.
- 2890 latifolia. (Limonium latifolium.) Sea Lavender. (P.) Handsome spikes of lavender-blue flowers. 2 ft. Packet 10c.



Schizanthus, Giant Hybrids

STOCKS. Gilliflower. Popular annuals of free-flowering habit, in wide use both for greenhouse-forcing and outdoor culture. The flowers are borne in large trusses, invaluable for cutting; delightfully sweetscented. The plants should stand about a foot apart in the border or bed.

Giant-flowering Beauty Stocks. (A.) Splendid, early-blooming race with large, double flowers on

enormous trusses.  $1\frac{1}{2}$  ft.

2895 American Beauty, rosy carmine; 2900 Beauty of Nice, flesh-pink; 2905 Cote d'Azur, light blue; 2910 Crimson King, rich crimson; 2915 Mont Blanc, pure white; 2920 Monte Carlo, yellow; 2925 Summer Night; deep violet; 2930 Mixed, each, Packet 25c.; ½ oz. \$1.00. Cut-and-Come-Again Stocks. (A.) Fine strain of

perpetual-flowering Stocks, with large trusses of double blooms. One of the most attractive for out-door cultivation. 1½ ft. 2935 Blood Red; 2940 Flesh Pink; 2945 Canary

Yellow; 2950 Dark Blue; 2955 Lavender; 2960 Rose Pink; 2965 Pure White; 2970 Mixed, each, Packet 25c.; 1/8 oz. \$1.00.

2975 **STOKESIA cyanea.** (P.) Fine perennial, producing, from July to October, a profusion of large, light blue, aster-like flowers; admirable for cutting. Packet 25c.

2980 STREPTOCARPUS, New Hybrids Mixed. Cape Primrose. Elegant greenhouse pot-plant of compact, dwarf habit, with clusters of achimene-like flowers on erect stems. Colors range from white to rose, red, violet and purple. 9 in. Packet 75c.

2985 SUNFLOWER, Chrysanthemum - flowered. (A.) Large, double, golden yellow flowers on long stems. 7 ft. Packet 10c.; oz. 60c.

2990 cucumerifolius Stella. (A.) Branching, bushy habit, making it ideal for massing and for quick, flowering hedges. Single flowers in profusion all summer; golden yellow with black centers. 3 to 4 ft. Packet 10c.; oz. \$1.00.
2995 **Giant Russian.** (A.) The common giant-flowered sunflower. 6 to 8 ft. Packet 10c.; oz. 20c.



Giant Spencer Sweet Peas



Giant-flowering Beauty Stocks

#### SWEET PEAS, Giant Spencer or Orchid-Flower-

ing. Sweet Peas are one of the most popular of all annuals. They require a deep, fertile, well-drained soil and a generous amount of moisture during the blooming period. One ounce of seed is sufficient for a 15 foot drill.

Exhibition Prize Mixture. A grand 3000 mixture, including many of the choicest named varieties. The colors have been carefully blended to produce a pleasing display of harmonious shades. The flowers are large, delightfully sweet-scented, borne on long stems, ideal for cutting. Packet 10c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.50.

#### **Choice Named Spencer Sweet Peas.**

All varieties, Packet 10c.; oz. 50c.; 1/4 lb. \$1.50.

3005 Avalanche. Large, pure white flowers.

3015 Blanche Ferry. Giant-flowered bicolor; rose and white, tinted light pink.

3020 Crimson King. Brilliant deep crimson.

3025 **Chieftain.** Beautiful shade; satiny mauve.

3030 Constance Hinton. Fine, black-seeded, white.

3040 Fortune. Magnificent dark blue variety.

3045 Gold Crest. Bright orange, tinted salmon.

3055 Hawlmark Lavender. Glistening, pure laven-

3060 **Hawlmark Pink.** Bright rose-pink; frilled.

3065 Hawlmark Salmon. Brilliant rose, shaded salmon.

3075 **Heavenly Blue.** Soft tone of delphinium-blue.

3080 **King White.** Immense flowers of pure white.

3085 Mammoth. Dazzling orange-scarlet; showy.

3090 Mary Pickford. Cream-pink, suffused salmon.

3095 **Matchless.** Buff-yellow; one of the best of its class.

**SWEET PEAS, continued next page** 



Sweet William

#### **SWEET PEAS, continued**

- 3100 Mrs. Tom Jones. Bright delphinium-blue.
- 3105 Picture. Pink, delicately shaded apricot.
- 3110 **Pinkie.** Bright rose-pink; very fine.
- 3115 **Powerscourt.** (*Hawlmark*). Large-flowered lavender.
- 3120 Royal Purple. Large, deep purple flowers.
- 3125 Royal Scot. Brilliant scarlet-cerise.
- 3130 **Tangerine**, **Improved**. Large, bright orange-salmon flowers.
- 3135 Warrior. Deep maroon, a fine dark shade.
- 3140 Wembley. Exquisite shade of lavender-blue.
- 3145 **Youth.** Charming picotee variety; white edged rose.

# Early-flowering Spencers for Greenhouse-forcing. All varieties, Packet 15c.; oz. \$1.00.

- 3155 Avlator. Bright crimson-scarlet; very fine.
- 3160 Ball's Rose. Pure rose-pink; large flowers.
- 3165 Blue Bird. Rich shade of violet-blue.
- 3170 Columbia. Charming bicolor; pink and white.
- 3175 Cream. Fascinating, deep cream color.
- 3180 Glitters. Glowing cerise; attractive shade.
- 3185 Grenadier. Scintillating, bright scarlet.
- 3190 Mrs. Kerr. Bright salmon; lovely shade.
- 3195 Spring Song. Rose-pink flushed salmon.
- 3200 **Sweet Lavender.** Pure lavender self.
- 3205 White Harmony. Pure white; black-seeded.
- 3210 Valencia. Very brilliant shade of orange.
- 3215 **Mixed.** Includes many attractive shades of the Early-flowering Spencers.
- 3220 **SWEET WILLIAM, Annual Mixed.** (A.) Similar in habit to the hardy Sweet William, with large flower-heads in attractive colors. 9 in. Packet 15c.; ¼ oz. 75c.

**Sweet William.** (Dianthus barbatus.) Popular class of border plants, invaluable for garden display and cutting.  $1\frac{1}{2}$  ft.

Single Varieties. The most desirable class.

- 3230 **Dark Crimson.** Fine deep shade. Packet 10c.;  $\frac{1}{4}$  oz. 50c.
- 3235 **Pure White.** A favorite for cutting. Packet 10c.; ½ oz. 50c.
- 3240 **Pink Beauty.** Beautiful shade. Packet 15c.; 1/4 oz. 75c.
- 3245 **Scarlet Beauty.** Brilliant scarlet. Packet 25c.;  $\frac{1}{8}$  oz. 75c.
- 3250 **Mixed.** Superb mixture including a fine variety of showy colors. Packet 10c.; ¼ oz. 50c.
- 3255 **THUNBERGIA Mixed.** (A.) Hardy annual of trailing habit; useful for window boxes and hanging baskets. Large single flowers, resembling daisies, in shades of yellow, orange and white. 4 ft. Packet 10c.
- 3260 **TORENIA Bailloni.** (A.) Free-flowering annual, with beautiful golden yellow, purple throated blooms, from July to frost. Sow indoors in early spring. 10 in. Packet 25c.
- 3265 **Fournieri grandiflora.** (A.) Striking skyblue flowers, blotched dark blue; throat yellow. Excellent for small beds. 10 in. Packet 25c.
- 3270 TRITOMA hybrida, Express. (Kniphofia.) Torchlily; Red Hot Poker. (P.) Showy perennial, with orange-scarlet flowers in summer. 3 ft. Packet 25c.
- 3275 VALERIANA officinalis. Garden Heliotrope. (P.) Tall perennial, producing delightfully-scented, purplish white flowers. 3 ft. Packet 25c.
- 3280 **VERONICA longifolia.** Speedwell. (P.) Elegant perennial, with erect spikes of rich blue flowers in mid-summer.  $1\frac{1}{2}$  to 2 ft. Packet 15c.
- VERBENA. Popular annual for summer-bedding. The brilliant flowers are produced in large trusses from summer to frost. Seeds may be sown indoors in spring for early outdoor-bloom. The giant varieties we offer are particularly effective. 1 ft.
- 3290 Glant Blue, white eye; 3295 Glant Flame-Pink; 3300 Giant Rose-Plnk, white eye; 3305 Giant Scarlet; 3310 Giant White; 3315 Giant Mixed, each, packet 15c.; ¼ oz. \$1.00.
- 3320 Verbena, Mayflower. Charming shades of pink; very fine and exceedingly popular for summer bedding. 1 ft. Packet 15c.; ½ oz. \$1.00.
- 3330 **Lemon Verbena.** Deliciously lemon-scented foliage, useful for bouquets. Packet 25c.
- 3335 **venosa.** Bright purple flowers; showy. Packet 15c.
- VINCA. Ornamental bedding-plants, with dark green, shining leaves and large, single, five-petaled flowers. Seeds should be sown early for a long flowering season. 1 ft.
- 3340 Bright Rose; 3345 Pure White; 3350 White, Rose Eye; 3355 Mixed, each, Packet 15c.;  $\frac{1}{4}$  oz. 75c.

**VIOLA cornuta.** Tufted Pansy. (P.) Popular, free-blooming class, useful for semi-shaded situations.

3360 Admiration. Rich shade of dark blue. Packet 15c.

3365 Apricot. Lovely new Viola, with rich apricotyellow flowers, tinged orange. Packet 50c.

3370 Blue Perfection. Mauve, with yellow eye. Packet 15c.

3375 lutea grandiflora. Pure golden yellow. Packet

15c.
3380 White Perfection. Pure white. Packet 15c.
3385 Mixed. Many beautiful colors. Packet 15c.
3390 Viola, Jersey Gem. (Blue Gem.) The most popular Viola; deep violet-blue flowers on long stems; free-flowering. Packet 50c.

3395 VIRGINIAN STOCK, Mixed. (A.) Early-flowering hardy annual. The bright flowers are very effective in the border. Packet 15c.; ½ oz. 50c.

3400 VISCARIA, Mixed. Rock Lychnis. (A.) Showy annual; remarkably free-flowering. Effective for garden display as well as cutting. The colors are chiefly bright shades of rose, lavender and crimson. Packet 10c.; 1/4 oz. 25c.

WALLFLOWER, Annual Varieties. (A.) Extensively used for forcing under glass. Seeds sown in early spring produce nice flowering plants for outdoor display in late summer. The fragrant blooms are excellent for cutting. 2 ft. 3405 Blood Red; 3410 Early Parisian, brown; 3415 Yellow; each, Packet 25c.; ½ oz. 50c. 3420 Annual Mixed. Shades of yellow, brown and red. Packet 15c.; ½ oz. 50c.

#### SURPRISE WILD GARDEN MIXTURE Of Annual Flower Seeds

Contains many beautiful annuals; excellent for garden display and for cutting. Almost every day some different flower bursts into bloom. Dwarf Varieties. Large packet 25c.; oz. 40c.; ½ lb. \$1.25; lb. \$3.50.



Giant Dahlia-flowered Zinnias



Giant-flowered Verbenas

**ZINNIA.** Youth and Old Age. (A.) Zinnias rank high in popularity among the annual flowers. In recent years, marvelous improvements have been made by the California growers in the size, beauty and form of this old-fashioned flower. The modern Zinnia deserves a prominent place in every garden.

Glant Dahlia-flowered Zinnias. (A.) The leading class, with large, double flowers rivaling Decorative dahlias in size and beauty.

3435 Canary Bird. Bright shade of canary yellow. 3440 Crimson Monarch. Brilliant crimson; very large.

3445 **Dream.** Beautiful shade of lavender.

3450 Exquisite. Light rose, with center of deeper

3455 Golden Dawn. A lovely new shade—pure

3460 Lemon Beauty. Golden yellow on brown.

3465 **Old Rose.** A popular shade.

3470 Oriole. Orange and gold bicolor, deepening with

3475 Polar Bear. Snow white; excellent for cutting. 3480 **Scarlet Flame.** Bright scarlet, suffused orange. 3485 **Mixed.** Many beautiful colors.

Each of above Dahlia-flowered Zinnias, Packet 15c;  $\frac{1}{4}$  oz. 75c.

Zinnia, Double Large Flowered. (A.) This strain is an improvement on the old-fashioned double-flowering Zinnia. The plants are tall and vigorous producing large, fully-double flowers in profusion from July until frost.  $2\frac{1}{2}$  to 3 ft.

3490 Crimson; 3495 Bright Rose; 3500 Flesh Pink; 3505 Golden Yellow; 3510 Canary Yellow; 3515 Lavender; 3520 Purple; 3525 Salmon Pink; 3530 White; 3535 Mixed, each, Packet 10c.; ¼ oz. 50c.

**Zinnia, Lilliput.** (A). A fine strain, improved by California growers. The flowers are small, very double, and make excellent subjects for vase decoration. Plants are remarkably free-flowering.

3540 Crimson Gem; 3545 Golden Gem; 3550 Salmon Rose; 3555 Scarlet Gem (Little Red Riding Hood); 3560 White Gem; 3565 Mixed, each, Packet 15c.; ¼ oz. 50c.

3570 Zinnia Haageana, fl.-pl. MexicanZinnia. (A.) A charming dwarf variety with small, double orange flowers. 1½ ft. Packet 15c.; ¼ oz. 60c.



Lilium Regale

#### SUMMER-FLOWERING BULBS

BEGONIAS, TUBEROUS-ROOTED. Excellent for shaded beds. The tubers may be started indoors in early spring and the plants set out in June or tubers may be planted in the beds in late May.

Single Varieties. Crimson, Scarlet, Orange, Salmon, Yellow, Rose-pink, White, Mixed, each 30c.; doz. \$3.25; per 100, \$25.00.

Single Frilled Varieties. Crimson, Scarlet, Orange, Salmon, Yellow, Rose-pink, White, Mixed, each 30c.; doz. \$3.25; per 100, \$25.00.

Double Varieties. Crimson, Scarlet, Orange, Salmon, Yellow, Rose-pink, White, Mixed, each 30c.; doz. \$3.25; per 100, \$25.00.

HYACINTHUS CANDICANS. A hardy summer-flowering Hyacinth, bearing pure white, bell-shaped flowers on tall, erect spikes. 3 ft. \$1.50 per doz.; \$10.00 per 100.

MONTBRETIAS. Gracefully branched, gladiolus-like flowers, prized for summer cutting. Plant the bulbs in late April or May in a sunny, well-drained situation; 4 to 5 inches deep. In autumn the bulbs may be lifted and stored like Gladiolus, or left in the ground and protected with a heavy mulch.

**Choice Mixed.** Many showy colors. 75c. per doz.; \$6.00 per 100.

Tuberoses, Excelsior, Double Pearl. Summer-flowering bulbous plants, admired for their large, fragrant pure white, double flowers. The bulbs may be started indoors in early spring and the plants set out in June, or bulbs planted in a sunny bed in May. \$1.00 per doz.; \$7.50 per 100.

#### HARDY LILIES

Auratum Platyphyllum. An improved form of the well known Auratum with larger flowers showing a wider expanse of gold and less copiously spotted. Mammoth bulbs, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

Speciosum Album. Large, pure white flowers. Mammoth bulbs, 65 cts. each; \$6.50 per doz.; \$50.00 per 100. Extra large bulbs, 50 cts. each; \$4.75 per doz.; \$35.00 per 100.

**Speciosum Melpomene.** Similar to Lilium Rubrum in habit but with flowers of rich rosy red with blood red spots edged white. Mammoth bulbs, 50 cts. each; \$4.75 per doz.; \$35.00 per 100.

**Speciosum Magnificum.** Rich crimson. The finest colored of all Speciosums. Mammoth bulbs, 50 cts. each; \$4.75 per doz.; \$35.00 per 100.

**Speciosum Rubrum.** White suffused rose with rich crimson spots. Mammoth bulbs, 50 cts. each; \$4.75 per doz.; \$35.00 per 100.

Lilium Regale. A beautiful, hardy lily which can also be forced well. Flowers are white, shaded with pink; canary yellow center. Jumbo bulbs, \$1.00 each; \$10.00 per doz.; \$75.00 per 100. Mammoth bulbs, 40 cts. each; \$4.00 per doz.; \$30.00 per 100.

GLOXINIAS. Large tubular flowers of gorgeous coloring. Bulbs potted in light sandy loam in February or March bloom in June or July. Strong flowering bulbs. Each, 50c.; doz., \$5.00: per 100, \$40.00. Blue, Blue Bordered White, Pink, Purple, Red Bordered White, Scarlet, Spotted, White, Mixed.

**CALLA LILY.** Too well known to need any description. For successful culture use rich soil and plenty of water when growing.

Elliotiana. Deep canary yellow. 50c. each, \$5.00 per doz.

#### LILY OF THE VALLEY

Pips. (For forcing, from cold storage). For pot blooming the selected pips only should be grown. Plant 12 pips in a five-inch pot, keeping them well above the soil, place in dark in a temperature of 90 to 95 degrees and water frequently with tepid water. Our pips can be forced into bloom easily in 3 to 4 weeks from planting. These can be supplied the year around. Case of 250 for \$17.50.

ACHIMENES. Profuse blooming plants for house or conservatory. Tender Perennial.

Named Varieties. \$3.00 per doz., \$20.00 per 100.

Mixed Varieties. \$2.50 per doz., \$18.00 per 100.

HENRYI. (Yellow Speciosum). Beautiful Lily from China. Rich, apricot yellow, reddish brown spots. 5 ft. July and Aug. Each, 50c., doz. \$5.00.

**KRAMERI.** Beautiful, delicate pink. Fragrant, trumpet-shaped flowers. 3 ft. July and Aug. Each, 40c., doz., \$4.00, 100, \$30.00.

SUPERBUM. (Native Turkscap). Rich orange, petals tipped with red and spotted. 4 to 6 ft. July. Each, 25c., doz., \$2.50, 100, \$20.00.

TIGRINUM SPLENDENS (Improved Tigerlily). Orange salmon, spotted with black; immense bulbs. 4 ft. Aug. Each, 30c., doz., \$2.75, 100, \$20.00.

#### **CANDIDUM Madonna Lily**

Mammoth Northern Grown. These are of the large flowered, pure white, thick petaled variety and grown for us in the north of France. Excellent for forcing and superior as a garden Lily. Southern grown bulbs should be avoided, as they are thin petaled and badly diseased. Each, 60c., doz., \$6.00, 100, \$45.00.

Extra Large. Doz., \$4.00, 100, \$30.00.

**CALADIUM ESCULENTUM.** Beautiful ornamental foliaged plants. Will grow in any good garden soil, and are of the easiest culture. Foliage is light green, veined with dark green, and immense leaves.

Mammoth Bulbs. 35c. each, \$3.50 per doz.

Extra Large Bulbs. 20c. each, \$2.00 per doz.

Fancy Leaved Caladiums. New and rare varieties. 50c. each, \$5.00 per doz.

AMARYLLIS. Extra Choice Hybrids. Free-flowering habit and enormous size, colors varying from crimson to orange-scarlet, light rose to white, many combinations in stripes and variegations. Each. \$1.00: doz. \$10.00.

# **QUALITY VEGETABLE SEEDS**

Our vegetable seeds are carefully selected for purity and quality. The following list includes many improved strains, grown by specialists. The varieties offered have been chosen primarily for their excellent table qualities.

#### ARTICHOKE

Sow in early spring under glass; when large enough to transplant, set out in rows 4 ft. apart and 2 ft. apart in the rows.

Large Green Globe. The leading variety; produces large deep green, globe-shaped heads. Packet 25c.; oz. \$1.00.

#### **ASPARAGUS**

Asparagus may be grown from seed or roots, as preferred. Sow seed in early spring in rows a foot or more apart, about 20 seeds to the foot of drill, covering one inch; thin plants to 3 inches apart. The following spring the plants should be set out in their permanent bed in rows 3 ft. apart and 1 ft. apart in the rows. A small crop may be harvested the third year from seed. One ounce of seed will produce about 200 plants.

Mary Washington. A superior strain; shoots are large, firm and delicious in flavor.

**Seed.** Packet 25c.; oz. \$1.00.

**Roots.** April and May delivery per hundred \$2.50.

#### BEANS

Beans may be planted from the middle of May on. Cultivation should begin as soon as the seedlings appear and the rows hilled to support the plants. One pound of seed will plant about 50 ft. of drill.

#### **DWARF GREEN-PODDED VARIETIES**

Bountiful. A favorite, early variety; the deep green pods are flat and stringless; tender. Lb. 35c.; 2-lbs. 65c.; 8-lbs. \$2.25.

**Black Valentine.** Pods long, round and straight. Early variety of fine quality. Lb. 35c.; 2-lbs. 65c.; 8-lbs. \$2.25.

**Stringless Green Pod.** (Burpee.) A favorite early variety with round, tender, stringless pods. Lb. 35c.; 2-lbs. 65c.; 8-lbs. \$2.25.

French's Dwarf Horticultural. Improved strain with handsome, long pods, splashed deep crimson. One of the best shell beans. Lb. 35c.; 2-lbs. 65c.; 8-lbs. \$2.25.



Improved Golden Wax Beans

#### **DWARF WAX-PODDED VARIETIES**

Improved Golden Wax. A favorite on account of its delicious flavor; pods flat. Lb. 35c.; 2-lbs. 65c.; 8-lbs. \$2.25.

Pencil Pod Black Wax. Round pods; brittle and tender. Lb. 35c.; 2-lbs. 65c.; 8-lbs. \$2.25.

Sure Crop Stringless Wax. Long round pods of excellent quality; productive. Lb. 35c.; 2-lbs. 65c.; 8-lbs. \$2.25.

#### **BUSH LIMA BEANS**

Lima Beans should be planted after the middle of May, or as soon as the ground is warm. As they are gross feeders the soil should be well-enriched. Plant them eye down.

Burpee's Improved Bush Lima. Large whiteseeded variety; very productive; extra-fine quality. Lb. 45c.; 2-lbs. 85c.

Fordhook Bush Lima. An improved form; may be planted quite early; excellent flavor. Lb. 45c.; 2lbs. 85c.

**Henderson's Bush Lima.** A small variety with short pods containing two to four beans of fine quality. Lb. 35c; 2-lbs. 60c.

#### **POLE LIMA BEANS**

King of the Garden Pole Lima. A favorite largeseeded variety, producing long, well-filled pods; excellent flavor. Lb. 45c.; 2-lbs. 85c.

**Small Sieva Pole Lima.** Popular small-seeded variety. Vigorous grower, very productive; pods small. Lb. 40c.; 2-lbs. 75c.

#### **POLE BEANS**

One pound of seed will plant about 50 hills. Kentucky Wonder. The favorite green-podded variety. The pods are long and of delicious flavor. Lb. 35c.; 2-lbs. 65c.

**Kentucky Wonder Wax.** Large golden yellow pods of fine, tender quality. Lb. 45c.; 2-lbs. 85c.

Horticultural Pole. Productive variety with long pods, beautifully striped bright crimson. One of the best shell beans. Lb. 35c.; 2-lbs. 65c.

Scarlet Runner. Popular variety for ornamental purposes, the vines making vigorous growth, producing bright red flowers, followed by edible pods of delicious flavor. Packet 10c.; lb. 35c.



Beet, Crosby's Egyptian, Arlington Grown

#### BEETS

For early use, seed should be sown in early spring. The soil should be well-enriched. One ounce of seed will sow about 50 feet of drill.

Crosby's Egyptian, Arlington Grown. A reselected strain, producing deep crimson Beets of tender, delicious quality; sweet; early. Packet 10c.; oz. 30c; 1/4-lb. \$1.00.

Crosby's Egyptian. An excellent early variety, smooth, deep crimson; sweet and tender. Packet 10c.; oz. 25c.; ¼-lb. 60c.; lb. \$1.75.

Detroit Dark Red. The leading variety for late use.

Skin dark red, flesh deep blood-red, tender and delicious. Tops may be used for greens. Packet 10c.; oz. 25c.; ¼-lb. 60c.; lb. \$1.25.

Early Wonder. Early variety; similar in shape to Crosby's Egyptian, but larger. Flesh deep bloodred, sweet and tender. Packet 10c.; oz. 25c.; ¼-lb.

60c; lb. \$1.25.

Edmand's Early Blood. Dark red roots of fine form and flavor. One of the best varieties for early and main crop. Packet 10c.; oz. 20c.; ¼-lb. 50c.; lb. \$1.25.



Improved American Savoy Cabbage

#### CABBAGE

The early varieties may be sown in the hot-bed and the plants set out in rows about 2 ft. apart and the plants 1½ ft. apart. Late varieties are usually sown in the open ground in May. One ounce of seed will produce about 3000 plants.

Early Jersey Wakefield. One of the leading early varieties with solid, pointed heads. Packet 10c.; oz. 35c.

Copenhagen Market. Early, ball-shaped variety; with very solid heads of fine quality. Packet 10c.

Golden Acre. Resembles Copenhagen Market, but smaller and requires less room in the garden. The globular heads are solid and of excellent quality; early. Packet 25c.; oz. 50c.

Danish Ballhead. A hard-heading winter cabbage of superior quality; one of the leading varieties; good keeper. Packet 10c.; oz. 40c.

Improved American Savoy. Large, round heads; finely crumpled leaves; very solid and of excellent quality. Packet 10c.; oz. 40c.

Warren's Stone Mason. Large, solid heads of fine quality. One of the best for winter use; keeps well. Packet 10c.; oz. 40c.

Dark Red Dutch. Solid heads of beautiful dark color and fine flavor. Packet 10c.; oz. 50c.



Calabrese Broccoli

#### **BROCCOLI**

A delicious vegetable, resembling Cauliflower, and the method of cultivation is the same. It should be cooked as soon as harvested.

Italian Green Calabrese. The best variety, with large, solid, green heads. Packet 15c; oz. 75c.

#### **BRUSSELS SPROUTS**

Cultivated like Cabbage. Ready for use in autumn after the first frosts.

Long Island Mammoth. A leading variety, of tall habit, producing an abundance of large, solid sprouts of delicious quality. Packet 10c; oz. 40c.

#### **CARROTS**

Early sowing should be made as soon in spring as the ground can be worked. Constant cultivation is necessary. One ounce of seed will sow about 100 ft. of drill.

**Danver's Half Long.** A favorite variety, of fine form and deep orange-red color. Tender and delicious. Packet 10c.; oz. 25c.; ¼-lb. 65c.

Chantenay. A leading sort of the stump-rooted, half-long type, deep orange-red, of fine flavor. Packet 10c.; oz. 25c.; ¼-lb. 65c.

Early French Forcing. Very early variety, unsurpassed for forcing. Round roots of fine quality. Packet 10c.; oz. 35c.; 1/4-lb. 75c.

#### **CHICORY**

Sow in late spring and thin plants to 10 inches apart. In autumn the plants may be lifted, the leaves trimmed off to an inch from the crown and stored, covering with soil. The roots may be taken as required and forced in darkness. The blanched tops are delicious as salad.

Witloof (French Endive). The true Witloof or French Endive; popular for winter use. Packet 10c.; Oz. 50c.

#### **CRESS**

Cress, or Peppergrass as it is often called, is useful for garnishing and salads.

**Extra Curled.** Excellent for salads. Packet 10c.; oz. 25c.

Water Cress. Sow in damp soil by the side of a pond or brook. Packet 10c.; oz. 75c.



Arlington White Spine Cucumber

#### **CUCUMBER**

For early use seed may be sown in hot-bed and plants set out when weather permits. The main crop may be planted in hills about the end of May. Thin to 4 or 5 plants to a hill. One ounce of seed will plant about 50 hills.

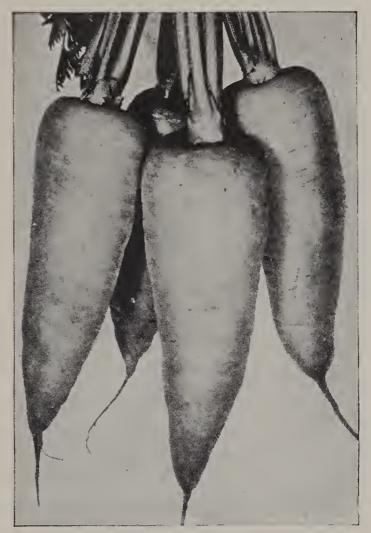
Arlington White Spine. One of the best table varieties with handsome, dark green fruits; crisp and tender. Packet 10c.; oz. 25c; ¼-lb. 75c.

**Davis Perfect.** Dark glossy green fruits, long and slim. Flesh tender and of excellent flavor. Packet 10c.; oz. 25c.; ¼-lb. 75c.

Long Green. Long, slender fruits of dark green color; fine, tender quality. Packet 10c.; oz. 25c.; ¼-lb. 75c.

Boston Pickling. Short, straight variety; very popular for pickling. Packet 10c.; oz. 25c.; 1/4-lb. 75c.

Japanese Climbing. A strong-growing climbing variety producing fine fruits of tender quality. Packet 10c.; oz. 25c.; 1/4-lb. 75c.



Danvers Half Long Carrots

#### **CAULIFLOWER**

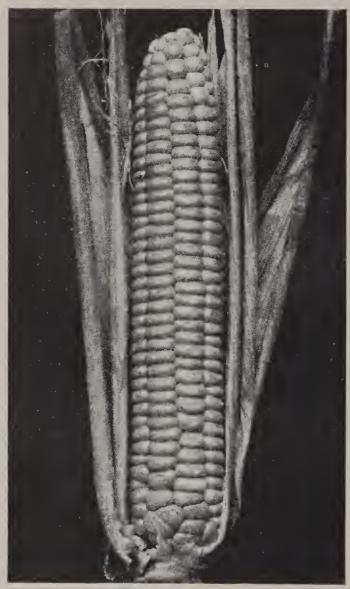
For early use sow seed in hot-bed in early spring. For a late crop sow seeds in open ground in May. Method of cultivation is similar to that of Cabbage. One ounce of seed will produce about 3000 plants.

**Early Dwarf Erfurt.** A short-stemmed, small-leaved variety, producing large heads of superior quality. Packet 25c.; oz. \$5.00.

**Early Snowball.** One of the fest early varieties of dwarf habit, with fine, solid heads of excellent flavor. Packet 25c.; oz. \$5.00.



Early Snowball Cauliflower



Golden Bantam Corn

#### CELERY

The best Celery is grown in deep, rich, well prepared soil. One ounce of seed will produce about 4000 plants.

Boston Market, Arlington Grown. A winter variety of dwarf, branching habit. It blanches white and keeps well. Excellent nutty flavor; tender and crisp. Packet 25c.; oz. \$1.25.

Golden Self Blanching. Popular early variety, very solid, crisp and tender; delicious, nutty flavor. Packet 15c.; oz. \$1.00.

Giant Pascal, Arlington Grown. A fine strain of this popular winter variety. The stalks are very solid throughout; crisp and tender; nutty flavor. Packet 25c.; oz. \$1.25.

#### **ENDIVE**

Endive, sometimes called Chicory, is one of the best salads for summer and winter use. Successive sowings from April to August will insure a continuous supply. One ounce of seed will sow 200 feet of drill.

**Broad Leaved Batavian.** (*Escarolle*). Long, broad, thick leaves of excellent flavor. Packet 10c.; Oz. 20c; 1/4-lb. 50c.

Green Curled. Handome variety, with attractively curled leaves of delicious flavor. Packet 10c.; oz. 200;. ¼-lb. 50c.

#### SWEET CORN

Corn should be planted in a warm, sunny situation; the first sowing may be made after the middle of May. One pound of seed will plant about 100 hills.

Golden Bantam. The most popular, yellow table variety; ears small and kernels tender and sweet. Lb. 25c; 2-lbs. 45c.

Golden Giant. Medium-early variety of large size;

very long, deep golden orange kernels of sweet, tender quality. Lb. 35c, 2-lbs. 65c.

Golden Sunshine. Extra-early variety of the Golden Bantam type. The golden yellow grains are sweet and juicy. Lb. 25c, 2-lbs. 45c.

Early Crosby. One of the best early white varieties; sweet and tender. Lb. 25c; 2-lbs. 45c.

Country Contleman. A tayorita late variety. Cob.

Country Gentleman. A tavorite late variety. small with long white kernels of fine quality. 25c; 2-lbs. 45c;

Stowell's Evergreen. Excellent for late use. Cobs large, with sweet white grains that remain tender for a long time. Lb. 25c; 2-lbs. 45c.



Celery, Boston Market, Arlington Grown

#### EGG PLANT

Sow in hot-bed in spring; transplant to open ground in June, setting plants 3 ft. apart each way. A rich moisture-retaining soil is preferable.

New York Improved. Large, handsome, deep purple

fruits. Packet 15c.; oz. 85c.

Early Long Purple. One of the best early varieties; of excellent quality and productive. Packet 15c.; oz. Sốc.

KALE

A delicious vegetable, excellent for salads; whole-

some. Packet 15c.; oz. 50c. Excellent for greens. For fall use sow in May and treat in the same manner as Cabbages. One ounce of seed will produce about 3500 plants.

Dwarf Green Curled. Beautifully curled, bright green leaves. Packet, 10c.; oz. 25c.; ¼-lb. 65c.

Siberian or Winter. Sow in August and treat as Spinach. Packet 10c.; oz. 25c.; ¼-lb 65c.

#### KOHL-RABI

Sow in late spring, in rows 1½ to 2 ft. apart, and thin plants to about 10 inches apart. Ounce of seed will sow about 200 feet of drill.

Early White Vienna. The most desirable early sort

with tender white flesh. Packet 10c.; oz. 50c. **Early Purple Vienna.** Purple outside with delicately flavored white flesh. Packet 10c.; oz. 35c.

#### LEEK

Excellent for seasoning soups; very mild and agreeably-flavored. Easily grown. One ounce of seed will sow about 100 feet of drill.

Large American Flag. A broad-leaved variety with short, thick stems of mild, pleasing flavor. Packet 10c.; oz. 35c; ¼-lb. \$1.00.

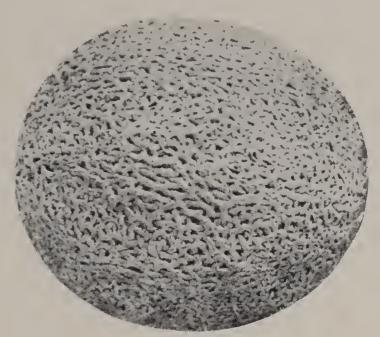
#### OKRA

Sow in early May in drills. Thin plants to stand one foot apart. One ounce of seed will sow about 50 feet of drill.

**Dwarf Green.** Large tender pods; excellent for flavoring soups and stews. Packet 10c.; oz. 25c.; ¼-lb. 60c.



May King Lettuce



Rocky Ford Melon

#### MUSKMELONS

A light, rich soil is best suited to the culture of Melons. Plant in hills as suggested for Cucumbers. One ounce of seed will plant about 50 hills.

Emerald Gem. Small, extra-early Melon, with smooth, ribbed, dark green skin and orange flesh. Sweet. Packet 10c.; oz. 25c.; ¼-lb. 75c.

Honey Dew. A delicious Melon, very sweet and melt-

ing. Packet 10c.; oz. 25c.

Montreal Nutmeg. A large, handsome variety, with luscious, sweet, green fle h. Packet 10c.; oz. 30c.; 1/4-lb. 80c.

Rocky Ford. One of the most popular Melons, with thick green flesh; swect and melting. Packet 10c; oz. 25c.; ¼-lb. 75c.

#### **WATERMELONS**

Culture the same as for Muskmelons, except that the hills should be 8 to 10 ft. apart. One ounce of seed will plant about 30 hills.

Coles Early. One of the best varieties for this latitude, with light green, striped skin and deep, sweet, juicy flesh. Packet 10c.; oz. 25c.; ¼-lb. 60c.

#### LETTUCE

Lettuce prefers a light, very rich, moist soil. The plants should be set about 10 inches apart. One ounce of seed will produce about 3000 plants.

May King. One of the most popular sorts for early sowing. The heads are large and solid; tender and delicately flavored. Packet 10c.; oz. 50c.; 1/4-lb.

Black-seeded Tennisball. Compact, solid heads of fine quality; crisp and tender. Lacket 10c.; oz. 50c.; <sup>1</sup><sub>4</sub>-lb. \$1.25.

Big Boston. Large, firm heads; excellent for frame culture as well as for the open ground. Packet 10c.; oz. 40c.; ¼-lb. \$1.25.

**Iceberg.** Large, crumpled-leaved variety, rich green outside; white inside; crisp and tender. Packet 15c.; oz. 50c: 1/4-lb. \$1.25.

New York or Wonderful. One of the finest cabbagehead types. Heads, large, solid and crisp. Packet 10c.; oz. 50c.; ¼-lb. \$1.25.

Boston Curled. Beautifully curled, loose-leaf variety,

of excellent flavor. Packet 10c.; oz. 40c.; ¼-lb. \$1.25 White Cos. A popular Cos variety; leaves may be tied to blanch; excellent for summer use. Packet 10e.; oz. 40e.; ½-lb. \$1.25.



Danvers Yellow Globe, Selected Onion

#### ONION

Sow as early in spring as the ground can be worked. The soil should be rich and clean. One ounce of seed will sow about 100 feet of drill.

Danvers Yellow Globe, Selected, Eastern Grown.

A splendid strain of this popular type. Of uniform, smooth, globular form with small neck and ripens early. Fine cropper; keeps well. Packet 25c.; oz. \$1.00.

Yellow Globe Danvers. Popular variety for main crop, mild and pleasing flavor; heavy cropper and keeps well. Packet 10c.; oz. 50c.; 1/4-lb. \$1.25.

Prizetaker. Medium-early variety; very large and globular, with smooth yellow skin and mild white flesh. Packet 10c.; oz. 50c.; ¼-lb. \$1.50.

Southport White Globe. One of the best white-skinned Onions; very firm, fine-grained, mild flesh. Packet 10c.; oz. 50c.; ¼-lb. \$1.50.

White Portugal or Silver Skin. Splendid variety for pickling and salads, when harvested young. Packet 10c.; oz. 50c.; ¼-lb. \$1.50.

Large Red Wethersfield. Shape oval, rather flat skin deep red; flesh of excellent flavor. Splendid keeper. Packet 10c.; oz. 50c.; 1/4-lb. \$1.50.

#### ONION SETS

For early use plant the sets in spring, as soon as ground can be worked, about 3 inches apart in the drill. One pound of sets is sufficient for 50 to 75 feet of drill.

Yellow Japanese. The best vellow-skinned variety.

Lb. 35c.; 4-lbs. \$1.00.

White. Very early and agreeably mild in flavor. Lb. 40c.; 4-lbs. \$1.25.

#### **PARSLEY**

Sow in early spring and thin to 3 inches apart. One ounce will sow 100 feet of drill.

Double Curled. Dwarf, dark green, beautifully curled variety. A favorite sort for garnishing and other culinary uses. Packet 10c.; oz. 25c.; 1/4-lb. 60c.

Champion Moss Curled. Densely curled. deep green leaves. Packet 10c.; oz. 25c.; ¼-lb. 60c.

Plain Leaved. Large, deep green leaves; useful for seasoning. Packet 10c.; oz. 25c.; ¼-lb. 60c.

#### GARDEN PEAS

Sow Alaska and The Pilot as early in spring as possible. The wrinkled sorts may be planted from the middle of April on. One pound of seed will sow about 50 feet of drill.

Alaska. A popular, extra-early, smooth variety with slender vines, producing a fine crop of delicious Peas. May be sown very early in spring 2 ft. Lb. 35c.; 2-lbs. 60c.

Admiral Beatty. A new wrinkled early variety, bearing long pointed pods, averaging nine to ten Peas of excellent quality. 3½ ft. Lb. 40c.; 2-lbs. 75c.

Laxton's Progress. An early wrinkled variety of the very dwarf class. Peas are deep green, usually 8 to 10 to the pod and of delicious, sweet flavor. 1½ ft. Lb. 40c.; 2-lbs. 75c.

Little Marvel. An extra early dwarf wrinkled variety and a heavy cropper, producing blunt ended dark green pods, well filled with large Peas of excellent quality. 1½ ft. Lb. 40c.; 2-lbs. 75c.

Nott's Excelsion. A reliable, dwarf, early wrinkled sort. The pods contain 7 to 9 peas of excellent flavor.  $1\frac{1}{2}$  feet. Lb. 40c.; 2-lbs. 75c.

Sutton's Excelsion. Pods larger than those of Nott's Excelsior and well filled with delicious, sweet, tender Peas. One of the best early wrinkled varieties.  $1\frac{1}{2}$ ft. Lb. 40c.; 2-lbs. 75c.

Gradus. An extra-early, wrinkled, large-podded Pea. Pods resemble Telephone in shape and size and are well filled with Peas of delicious flavor.  $2\frac{1}{2}$  ft. Lb. 40c.; 2-lbs. 75c.

Axtonian. One of the earliest wrinkled Peas. Robust in habit and bears an abundance of dark Laxtonian. green pods, well filled with large Peas of fine quality. 1½ ft. Lb. 35c; 2-lbs. 60c.

Thomas Laxton. Similar to Gradus, but hardier. reliable, heavy cropper with large pods, square at the end, well filled with Peas of fine quality. 3 ft. Lb. 40c.; 2-lbs. 75c.

Alderman. One of the best main crop varieties. Vines are vigorous and produce an abundant crop of large pods, filled with sweet, melting Peas. 4 ft. Lb. 350; 2-lbs. 60c.

Telephone. A valuable tall variety of vigorous habit, producing long, handsome, green pods, closely filled with tender Peas of superb flavor. 5 ft. Lb. 35c: 2-lbs. 60c.

The Pilot. One of the earliest round seeded or smooth varieties. Vines are very robust and yield a heavy crop of richly flavored Peas. 3 ft. Lb. 35c; 2-lbs. 60c.

World's Record. An earlier strain of the well-known Gradus Peas. Pods measuring 4½ to 5 in. long. Broad pointed and dark green, well filled with 7 to 9 large Peas of excellent quality. Lb. 40c.; 2-lbs. 75c.

#### PARSNIP

Sow in early spring in drills. The soil should be rich and deeply prepared. Thin plants to stand about 6 inches apart. One ounce of seed will sow about 100 feet of drill.

Hellow Crown. The most popular variety with smooth skin. Flesh tender and sweetly flavored. Packet 10c.; oz. 25c.; 1/4-lb. 60c.

Long Smooth White. Handsome, smooth, straight variety of excellent quality. Packet 10c.; oz. 25c.; 1/4-lb. 65c.

#### PEPPER

Sow in hot-bed in early spring. Set out plants in early June when weather is settled, in rows 3 feet apart and 2 feet apart in the rows. One ounce of seed will produce about 1000 plants.

**Chinese Giant.** One of the best sweet Peppers, bright scarlet in color, with thick mild flesh of pleasing flavor. Packet 15c.; oz. 65c.

Harris Early Giant. An extra-early variety; very productive; long and thick. Skin bright scarlet; flesh thick and mild. Packet 10c.; oz. 65c.

Squash. A thick, tomato-shaped variety of medium size; one of the best sorts for pickling; excellent flavor. Packet 10c.; oz. 60c.

Long Red Cayenne. Long, slender fruits; agreeable pungent flavor. Packet 10c.; oz. 60c.

#### PUMPKIN

Sow in hills, spaced 10 feet or more apart. One ounce of seed will plant about 25 hills.

Sugar or Sweet. A splendid variety, with fine grained, sweet flesh. Excellent for pies. Packet 10c.; oz. 25c.; ¼-lb. 60c.

**Mammoth.** Very prolific; grows to immense size. Packet 10c.; oz. 25c.; ½-lb. 60c.



Chinese Giant Pepper



Hollow Crown Parsnips

#### SEED POTATOES

A rich sandy loam produces the finest crop of Potatoes. The seed should be dropped about 10 inches apart in the drills. One peck of seed will plant about 150 feet of drill; 4-bbls. one acre.

Irish Cobbler, Certified. Popular early variety.
The tubers are quite large, of plump, handsome form, creamy white, with well-developed eyes.

Green Mountain, Certified. A splendid main crop variety, with white, oval, smooth tubers of unsurpressed quality: mealy surpassed quality; mealy.

(Prices of Seed Potatoes on application)

#### RADISH

Radishes require a light, fertile soil, deeply dug and well pulverized. Successive sowings should be made every two weeks. One ounce of seed will sow about 100 feet of drill.

Early Scarlet Globe. One of the earliest sorts, widely used for both forcing and outdoor culture. Hand-some globular shape, bright red with pure white flesh, crisp and tender. Packet 10c.; oz. 25c.; 1/4-lb. 60c.

Scarlet, Olive-Shaped. Bright crimson skin; flesh crisp, tender and spicy. Short, small leaves. Packet 10c.; oz. 25c.; ¼-lb. 60c

French Breakfast. Oval shape; skin deep scarlet; white-tipped. Flesh crisp and delicately flavored. Packet 10c.; oz. 25c.; ¼ lb. 60c.

White Icicle. Long slender white variety; very crisp.

White Icicle. Long, slender white variety; very crisp and tender. Packet 10c.; oz. 25c.; 1/4-lb. 60c.

#### SALSIFY

Salsify or Oyster Plant is delicious either stewed, boiled, fried or as a salad. When cooked it has an agreeable oyster flavor. Cultivate like Parsnip. One ounce of seed will sow about 50 feet of drill.

Mammoth Sandwich Island. Large, tender, delicious roots. Packet 10c.; oz. 35c.; 4-lb. \$1.00.

#### SWISS CHARD

A type of Beet grown for its tops, the leaves being cooked, and served in the manner of Spinach. One ounce sows 50 feet of drill.

Lucullus. The best variety, with tall stems and finely crumpled, thick, tender leaves. Packet 10c.; oz. 25c.; 1/4-lb. 60c



**Stone Tomato** 

#### TOMATO

Seed may be sown indoors in early spring and plants set out when danger from frost is passed. One ounce of seed will produce about 1500 plants.

Bonny Best. An extra-early variety with uniformly large, round, smooth, scarlet fruit; solid and productive. Packet 10c.; oz. 50c.; 1/4-lb. \$1.50.

John Baer. Early Tomato with roundish, bright

scarlet fruits of excellent quality; firm and solid. Packet 10c.; oz. 50c.; ¼-lb. \$1.50.

Stone. Large, scarlet fruits, almost round; solid and

delicious; very productive. Best for main crop. Packet 10c.; oz. 50c.; ¼-lb. \$1.50.

Ponderosa. Large, deep crimson fruits of excellent quality. Packet 10c.; oz. 40c; ¼-lb. \$1.25.

Marglobe. A recent introduction. It is of perfect

globe shape; very attractive deep scarlet in color and delicious in flavor; remarkably productive. Packet 15c.; oz. 40c.

#### SMALL FRUITING VARIETIES

Yellow Plum. Small, oval, yellow-skinned fruits. Excellent for preserves. Packet 10c.; oz. 50c.

Red Cherry. Small round fruits, used for preserves. Packet 10c.; oz. 50c.

Strawberry. Used for preserves. Packet 10c.; oz. 40c.

#### **SPINACH**

Spinach to be tender and richly flavored should be grown in very rich soil. One ounce of seed will sow about 100 feet of drill.

King of Denmark. Large dark green, thick, crumpled leaves: resists summer heat. Packet 10c.; oz. 20c.; 1/4-lb. 30c; lb. \$1.00.

Princess Juliana. One of the best second-early varieties. Low, spreading habit. leaves dark green, crumpled. Packet 10c.; oz. 15c; ¼-lb. 30c; lb. 90c.

Bloomsdale or Savoy-Leaved. Leaves are beautifully crumpled, deep green in color, crisp and tender.

Packet 10c.; oz. 20c.; ¼-lb. 30c; lb. 90c.

Round Thick Leaf. Leaves thick, succulent and tender. An excellent main-crop variety. Packet 10c.; oz. 15c.; ¼-lb. 35c.; lb. \$1.00.

New Zealand. An excellent summer variety, quite distinct in flavor. One of the best perpetual greens. Packet 10c.; oz. 20c; ¼-lb. 60c.

#### SQUASH

Sow when all danger from frost has passed. The soil should be rich and well pulverized. For bush varieties the hills should be about 6 feet apart; for running sorts, 10 feet apart. One ounce of seed will plant from 20 to 50 hills, according to size of seed.

Early Giant Summer Crookneck. Compact plant

producing large, deep golden yellow fruits of delicious flavor. Packet 10c.; oz. 25c.; ¼-lb. 75c.

Giant Summer Straightneck. Resembles the

Crookneck in color but the fruits are quiet straight; tender and delicious. Packet 15c.; oz. 25c; 1/4-lb. 85c.

Early White Bush Scallop. An excellent, early, bush variety, bearing large, white scalloped fruits of de-

licious quality. Packet 10c.; oz. 25c.; ¼-lb. 75c.

Cocozelle Bush. Compact, bushy habit, producing smooth, dark green, striped fruits of excellent quality. Packet 10c.; oz. 25c.; ¼-lb. 75c.

Vegetable Marrow. Early variety, bearing attractive fruits of medium size. Flesh thick and of delicious flavor. Packet 10c.; oz. 25c.; ¼-lb. 75c.

Early Prolific Orange Marrow. Bright orange-red fruits; flesh fine-grained and dry when cooked.

Packet 10c.; oz. 25c.; ¼-lb. 75c. **Delicious.** One of the best winter varieties; skin dark green, flesh dark orange; sweet. Packet 10c.; oz. 25c.; ¼-lb. 75c.

Improved Hubbard. Favorite winter variety; dark olive-green skin; flesh fine-grained, sweet and dry

when cooked. Packet 10c.; oz. 25c.; ¼-lb. 60c.

Blue Hubbard. A popular winter variety with light blue skin and firm flesh, of excellent flavor. Packet 10c.; oz. 25c; ¼-lb. \$1.00.

Golden Hubbard. Similar to Green Hubbard in form, with rich dark orange skin; excellent flavor. Packet\_10c.; oz. 25c.; ¼-lb. 75c.

Warren Turban. Splendid variety, with dark orange skin. Flesh firm and dry, of delicious flavor, good keeper. Packet 10c.; oz. 50c.; ¼-lb. \$1.50.

#### TURNIP

For early use sow in spring as soon as the ground can be worked; fall Turnips may be sown in July and August. The soil should be rich and well pulverized. Sow in drills and thin plants to 6 or 8 inches apart. One ounce of seed will sow about 150 feet of drill.

Early White Milan. Extra-early, pure white, smooth

variety, tender and sweet. Packet 10c.; oz. 25c.;

1/4-lb. 75c.

Purple Top Flat Strapleaf. Popular sort for early and fall sowing. Flesh white, tender, very sweet. Packet 10c.; oz. 15c.; ¼-lb. 40c.

Purple Top White Globe. An excellent variety for fall use. Packet 10c.; oz. 15c; ¼-lb. 40c.

White Egg. Oval-shaped; smooth, fine-grained; flesh white. Good for late group. Packet 10c.; oz. 15c.

white. Good for late crop. Packet 10c.; oz. 15c.;  $\frac{1}{4}$ -lb. 40c.

olden Ball. An excellent, golden yellow variety of delicious flavor. Packet 10c.; oz. 20c; ¼-lb. 50c. Golden Ball.

#### RUTABAGA OR SWEDISH TURNIP

Sow seeds from first to middle of July for winter crop. Improved American Purple Top. Popular strain of purple top, yellow Turnips. Roots large, of excellent mild flavor, and keep well for winter use. Pack-

et 10c.; oz. 15c.; ¼-lb. 40c.

White French. Large white variety; flesh sweet and of fine flavor. Packet 10c.; oz. 15c.; ¼-lb. 40c.

Shamrock. Yellow flesh, solid and of excellent flavor;

productive. Packet 10c.; oz. 15c.; ¼-lb. 40c.

#### FIELD SEEDS AND MISCELLANEOUS SEEDS

Note: Prices subject to market changes.

#### **HERBS**

Anise. (Pimpinella anisum). Annual. For garnish-

ing. Packet 10c.

Basil, Sweet. (Ocymum basilicum). Annual. For flavoring. Packet 10c.

Borage. (Barago officinalis.) Annual. For flavor-

ing. Packet 10c.

Caraway. (Carum Carui). Perennial. For flavor-Packet 10c. ing.

(Anethum graveolens). Biennial. For flavor-Dill. Packet 10c.; oz. 50c.

Fennel. (Anethum foeniculum). Perennial. For flavoring. Packet 10c.

**Lavender.** (Lavandula vera). Perennial. For perfume. Packet 15c.

Sage. (Salvia officinalis). Perennial. For flavoring. Packet 10c.; oz. 50c.

Sweet Marjoram. (Origanum majorana). Perennial. For flavoring. Packet 10c.; oz. 75c.

Summer Savory. (Satureja hortensis). Annual. For

seasoning. Packet 10c.; oz. 40c.

Thyme. (Thymus vulgaris). Perennial. For seasoning. Packet 15c.

#### BIRD SEEDS FOR FEEDING

Canary, Recleaned. Lb. 15c.; 100-lbs. \$12.00. Hemp, Recleaned. Lb. 10c.; 100-lbs. \$9.00. Rape, Bird. Lb. 15c.; 100-lbs. \$10.00.

Millet, Golden. Lb. 15c.; 100-lbs. \$9.00.

Millet, White French. Lb. 20c.; 100-lbs. \$18.00.

Rice, Unhulled. Lb. 20c; 100-lbs. \$14.00. Sunflower, Recleaned. Lb. 15c.; 100-lbs. \$12.00. Choice Mixed Parrot Food. Lb. 15c.; 100-lbs. \$12.00. Wild Bird Food Mixture. Lb. 12c.; 100-lbs. \$8.00.

#### FIELD CORN

Early Canada. Early, yellow flint variety, 8-rowed, with deep grain and small cob. Pk. \$1.25; bu. **\$**4.00.

**Early Sanford.** White flint variety, 8-rowed; kernels large and broad. Excellent for fodder and ensilage. Pk. \$1.25; bu. \$4.25.

Eureka Ensllage. Tall-growing, white dent sort; heavy yielder. Pk. \$1.25; bu. \$4.25.

Evergreen Sweet Fodder. Excellent for cutting green for stock; sweet and nutritious. Pk. \$1.75; bu. \$6.00.

Improved Leaming. Early yellow dent variety, producing a large amount of fine ensilage. Cob small, with deep grains of bright yellow. Pk. \$1.00; bu. \$3.00.

Longfellow. An 8-rowed yellow flint Corn. Extraheavy yielder and a favorite in New England. Pk. \$1.25; bu. \$4.00.

Pride of the North. Early yellow dent variety of medium height with abundant foliage. Ears medium-large, 12 to 16 rowed; long kernels of dark yellow. Pk. \$1.00; bu. \$3.00.

#### MILLETS

Golden. Sow in June or July, about 1 bushel to the acre. (50 lbs. per bu.). Lb. 15c.; 100-lbs. \$9.00. Hungarian. Sow from June to August, about  $1\frac{1}{2}$ 

bushels per acre. (48 lbs. per bu.). Lb. 15c.; 100-lbs. \$9.00.

**Japanese.** Sow about 20 lbs. per acre (35 lbs. per bu.) Lb. 15c.; 100-lbs. \$12.00.



Japanese Millet

#### **SEED GRAINS**

Barley, Beardless. Sow about 2 bushels to the acre. (48 lbs. per bu.). Bu. \$3.00.

Montana Two-Rowed. Bu. \$2.75.

Buckwheat, Japanese. Early and productive. Sow 1 bushel per acre. (48 lbs. per bu.). Bu. \$3.00.

Oats, Welcome. Excellent white variety; heavy yielder. Sow about 3 bushels per acre. (32 lbs. per bu.). Bu. \$1.75.

Rye, Spring. Sow about 2 bushels per acre. (56 lbs. per bu.). Bu. \$2.50.
Winter, Rosen. For early fall sowing use about 1½

bushels per acre. (56 lbs. per bu.). Bu. \$3.00. Wheat, Marquis. Excellent for spring sowing; productive. Sow about 1½ bushels per acre. (60 lbs. per bu.). Bu. \$2.50.

#### MISCELLANEOUS FIELD SEEDS

Beans, Early Green Soja. A fine variety for planting in New England. Sow 1 bushel per acre. (60 lbs. per bu.). Pk. \$2.00; bu. \$7.00.

Peas, Field Canada White. For fodder and green

manuring. If sown alone use 3 bu. per acre; if with Oats, 2 bu. (Bu. 60 lbs.) Lb. 12c.; 100-lbs. \$9.00.

Rape, Dwarf Essex. For pasturing and soiling. Sow about 10 lbs. per acre. Lb. 15c.; 100-lbs. \$13.00.

Vetch, Winter. Sow about 1 bushel per acre. (60 lbs. per bu.). Lb. 18c.; 100-lbs. \$16.00.

Vetch, Spring or Tares. Sow about 2 bushels per acre. (60 lbs. per bu.). Lb. 12c.; 100-lbs. \$10.00.

#### "NETCO" GRASS SEED MIXTURES

Our Grass Seed Deartment is in charge of a well-known and experienced Seed Specialist. Quality of our seeds used in our mixtures is of foremost importance. Proper blends for extreme conditions are carefully worked out and offered our trade. All seeds sold by us carry the standard Seedman's Warranty as to quality, germination and crop. Prices subject to market changes.

Netco Special Lawn Grass Mixture. This is our best mixture of seed offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after.

#### 1 lb. ,65 \$14.00 per bushel of 25 lbs.

Shady Spot Lawn Mixture. Especially suitable for growing under trees or shaded grounds. Will produce satisfactory results.

1 lb. .65 \$14.00 per bushei of 25 lbs.

Finest Mixture for Putting Greens—(Bent Formula). A mixture of very fine bladed grasses which will produce a close, thick turf of the finest quality.

1 lb. .85 \$19.00 per bushel of 25 lbs.

Tennis Court Mixture. Produces that springy feeling turf so much desired.

1 ib. .85 \$19.00 per bushel of 25 lbs.

Turf Nursery Mixture. A mixture of fine bladed grasses producing a beautiful turf for patching putting greens. etc.

1 lb. .85 \$19.00 per bushel of 25 lbs.

Terrace and Slope Mixture. A mixture of deep rooted, fine leaved grasses producing a rich, green turf.

1 lb. .50 \$10.00 per bushel of 25 lbs.

**Seashore Mixture.** Many a lawn along the New England Shore has been grown from this mixture.

1 lb. .55 \$12.00 per bushel of 25 lbs.

City and Suburban Grass Mixture. This mixture does not contain many fine bladed varieties but is especially recommended where a quick growing green turf is required.

1 lb. .35 \$7.00 per bushel of 25 lbs.

Finest Mixture For Fairways. This mixture is not so fine as our putting green mixture but is adapted for use on fairways where a turf of the finest texture is not required, produces a hard-wearing turf.

1 ib. .60 \$12.50 per bushel of 25 lbs.

Number Two Mixture For Fairways. Contains the same varieties of seed but a smaller percentage of the finest grasses, producing a quick growing and hard-wearing turf.

1 lb. .55 \$12.25 per bushel of 25 lbs.

Garden City Park Mixture. A mixture of grasses suited to Public Parks, Polo or Football Fields and other large areas where the cost of finer grasses is prohibitive, will produce a fine deep, green sward in the shortest space of time.

1 lb. .45 \$9.50 per bushel of 25 lbs.

Special Mixtures. We will be pleased to make mixtures to your specifications, any combination you may desire.

White Dutch Clover for Lawns

1/4 lb. .20 1/2 lb. .35 1 lb. .60 5 lbs. \$2.75 Prices Subject to Market Changes

#### NETCO QUALITY GRASS SEED

We offer only quality seed with known high purity and germination tests. Ask for prices on large quantities. Bags extra at cost. All prices here quoted are subject to market changes without notice.

	Pur- ity	Germl- nation	1 lb.	10 lbs.	25 lbs.
Astoria Bent. A pronounced underground creeping variety, producing a thick growth similar to Rhode Island Bent. Valuable			10.	1034	IDS.
for fine lawns and putting greens South German Mixed Bent. Makes a fine	97%	90%	\$1.50	\$14.00	\$37.50
turf of excellent color. In favor for put- ting greens	80%	70%	1.50	14.00	37.50
Colonial Bent. Similar to Astoria Bent. Valuable for fine lawns and putting greens	97%	90%	1.50	14.00	37.50
Chewing's or New Zealand Fescue.  Creeping; valuable for putting greens and fairways and on poor or acid soils. Sow	00.4				
5 lbs. per 1,000 sq. ft	90%	70%	.60	5.50	12.50
in habit; hardy	95%	90%	.70	6.75	18.00
Sow 30 lbs. per acre	90%	90%	.85	8.20	20.00
for lawns, with a greater range of adaptability than any other that can enter a mixture. Allow 1 lb. to 200 sq. ft	90%	90%	.40	3.75	8.25
Canada Blue Grass. Valuable in mixtures for shady places. Fine bladed grass	85%	80%	.40	3.75	8.25
Orchard Grass. Adapted to shady places. Too tufted for sowing alone. Can withstand drought		_	.40	3.75	8.25
Red Top. Next to Kentucky Blue, this is the most useful grass we have. Fine bladed and adapted to a wide variety of			, 10	3.73	0.23
conditions	98%	90%	.35	3.25	7.90
shade grass known. Succeeds best on cool, moist soils.	90%	90%	.55	5.30	13.10
Rye Grass, Domestic. Germinates quickly, producing a strong growth in four to five weeks. Sow one pound to each 350		,			
sq. ft	90%	90%	.20	1.80	4.25
grown, short seeded type	90%	90%	.35	3.00	7.25
Sheep Fescue. Much used for the rough on golf courses and upland pastures on light, dry soils	90%	90%	.85	8.20	20.00
<b>Timothy.</b> Produces the best quality hay. Not used in the best lawn mixtures	90%	90%	.25	2.50	5.75
Trot used in the pest lawn inixtures	70	70 70	.23	2.50	3./3

Bags are charged for extra at cost to us and are not returnable.

Standard Seedman's Warranty: — We give no warranty, expressed or implied as, to quality, description, productiveness, or any other matter of the Seeds, Bulbs or Plants we send out, and will not be in any way responsible for the crop.

All Seeds sold by us are subject to this warranty. All seed prices as quoted by us herein are subject to market changes without notice. All sales subject to stocks on hand.

## QUALITY FERTILIZERS and AGRICULTURAL CHEMICALS

Adco. For making artificial manure. Instead of burning or otherwise disposing of garden refuse, leaves, etc., simply mix with Adco, layer by layer and keep wet down with the hose until well rotted. Complete directions with every shipment. 25-lbs. of Adco is sufficient for about 12 wheelbarrow loads of garden waste, making about one-half ton of manure; 150-lbs. of Adco makes about three tons of manure. 25-lb. bag, \$2.25; 150-lb. bag, \$10.50.

Ashes, Canadian Hardwood. Excellent for top-dressing. 100-lbs., \$2.75; ton, \$50.00.

AAC. Vegetable and Flower Manure. 5-8-7. A complete high grade fertilizer for general garden use, 100-lbs., \$2.25.

AAC. Market Garden Fertilizer, 4-8-4. 100-lbs., \$2.00.

Agrico. Lawn, Tree and Shrub Fertilizer, 7-6-6. High grade organic base material. 100-lbs., \$3.00;

**Bovung.** A natural Garden, Lawn and Soil Improver produced by Walker-Gordon. Dehydrated manure 50-lbs., \$1.50.

Clay's Fertilizer. (Imported.) A lasting, concentrated fertilizer for greenhouse, conservatory or garden 28-lbs.; \$4.25; 56-lbs., \$8.00; 112-lbs., \$15.00.

Fine Ground Bone. (Bonemeal.) A high-grade fertilizer bone, especially prepared for quicker and more lasting results. Bone is of great value for all-round garden purposes. 100-lbs., \$2.50.

**A. A. Superphosphate.** (16%). 100-lbs...\$1.50

**Blood Tankage.** (12%.) Invaluable for greenhouse use. 100-lbs., \$5.00.

Bone, Coarse or Cracked. Used when setting out grape vines, fruit trees, shrubs and ornamental trees. 100-lbs., \$4.00.

Leaf Mold. Best quality; pulverized. 100-lbs., \$3.50.

Sphagnum Moss, Dry. Bag, \$1.50; large bale, \$10.00.

Sphagnum Moss, Live Green. Bag, \$3.50.

Charcoal, Coarse or Fine Ground. 50-lbs., \$2.00.

Veg-E-Tonic, Soluble Fertilizer, 21-13-10. A modern development for fertilizing plants and grasses when application is desired in liquid form. Used extensively by Golf Clubs. 25-lb. drum, \$6.50; 100-lb. drum, \$17.00.

Milorganite Lawn and Flower Fertilizer, 6-2-.75.

(All organic)



Milorganite is used in greater quantities for fairway fertilization by Golf Clubs than any other material. 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$2.75.

Netco Putting Green Formula, 8-6-2. A complete organic base nitrogen fertilizer developed for Golf Putting Greens and other areas of finest grasses. 35% organic materials used. 100-lb. sift proof bag, \$3.00.

Lime, Agricultural. A high-grade land-lime specially prepared for agricultural purposes. 100-lbs., \$1.00;

Lime Land 100-lbs., \$1.50;

Muriate of Potash. (50%.) The most economical form of Potash. 100-lbs., \$2.75.

Nitrate of Soda. (18.5%.) 25-lbs., \$1.00; 50-lbs., \$1.75; 100-lbs., \$2.75

Peat Moss. (Imported.) Granulated for agricultural purposes. Half bale, \$1.75; large bale, \$3.00.

Pulverized Poultry Manure. For lawns, trees, shrubs, and general use. 100-lbs., \$3.50; ton, \$50.00.

Pulverized Sheep Manure. A pure, natural manure, invaluable for general garden purposes. Excellent for top dressing lawns. 100-lbs. \$2.50.

**Sorbex.** Very fine ground peat moss, 10-bu. bag. 50-lb. bag, \$2.75.

Driconure. One third peat moss and two thirds concentrated cow manure, 3½-bu. bags. 50-lb. bag, \$3.00.

Scotch Soot. (Imported.) A valuable fertilizer and a fungicide as well. Heightens color of the foliage of many plants. Original bags of approximately 100-lbs. \$7.00.

**Sulphate of Ammonia.** (20.56%.) 10-lbs., 90c.; 100-lbs. \$3.00;

Henure. One third peat moss and two thirds hen manure. Packed in 50-lb. bags. 50-lb. bag, \$2.00.

Prepared Potting Soll. Specially prepared greenhouse potting soil. Peck, 40c.; bushel, \$1.00.

Plantabbs. Concentrated, high-grade fertilizer in tablet form; clean; odorless. Box of 30 Plantabbs 25c.; 75 for 50c.; 200 for \$1.00.

Fertiflora. A concentrated liquid fertilizer for houseplants. Ready for use by adding water. Bottle, 35c.

Hyper-Humus. Hyper Humus is no doubt the finest soil builder known today. It is cultivated Humus from large deposits in New Jersey. In great demand for seedling planting and for building up light soils.

Soil Testing Kits. We carry a complete stock of the several makes of Toil Testing outfits. These vary in size and price. Write for booklets. Priced from \$2.00 to \$35.00 per kit.



# FOR RICH VELVETY LAWNS, FOR GARDENS, SHRUBS AND TREES . . . USE WHAT THE GOLF CLUBS USE

OLF CLUBS throughout the land use more Milorganite than any other fertilizer. They have proved its superior merit in hundreds of comparative tests and by years of successful use. They prefer Milorganite because they must have exceptional turf at reasonable cost. Instead of constant reseeding, they maintain sod by Milorganite feeding.

Milorganite is a natural organic plant food, not a synthetic fertilizer. It is rich in organic nitrogen and the rare elements (plant vitamins essential to radiant plant health). Produced by scientific processes, it is free of weed seeds and harmful organisms of all kinds. Because of characteristics peculiar to Milorganite, it releases vital plant foods gradually throughout the growing season. As a result the generous quantities required to encourage thin grass to form dense sod can be supplied in a single application without danger of burning.

For better lawns and gardens follow the simple practices of golf courses. You can have a rich, velvety lawn all summer long, your shrubs and trees will have luxuriant, dark green foliage, you can take pride in a garden filled with healthy flowering plants by using Milorganite.

#### For Luxuriant Home Lawns

On old lowns, Milorganite deepens calor and converts sparse thin grass into thick dense sad. It praduces quick coverage and insures better root development on new lawn seedings.

Make twa applications per year, one in spring and another in fall. Use 3 to 4 lbs. per 100 sq. ft. on old lawns; 4 to 5 lbs. per 100 sq.ft. on new lawns.

#### For Healthy Flowers

Scatter  $2\frac{1}{2}$  to  $3\frac{1}{2}$  lbs. per 100 sq. ft. and wark into sail before planting. This gives sturdy plants with dark green foliage. A second application,  $1\frac{1}{2}$  to  $2\frac{1}{2}$  lbs. per 100 sq. ft. warked into sail just before buds farm insures better blooms.

#### For Shrubs and Trees

Massed shrubs, 3 to 5 lbs. per 100 sq. ft. Individual shrubs 1 to 4 handfuls warked into sail.

Trees, 5 to 25 lbs. depending on size. Place in holes spaced regularly in the area extending out from the trunk to where drip from outside faliage falls.

#### To Eliminate Grubs, Earthworms and Weeds

Earthworms leave unsightly worm costs, and grubs kill turf by devouring the grass roots. Both pests can be controlled effectively by treatment with lead arsenate and Milorganite. Simply mix  $\frac{1}{2}$  lb. lead orsenate with 2 ta 3 lbs. Milorganite for each 100 sq. ft. of surface and apply uniformly. For complete control twa treatments may be necessary.

Manufactured Exclusively by THE SEWERAGE COMMISSION. Milwaukee, Wis.

Golf Clubs Use More

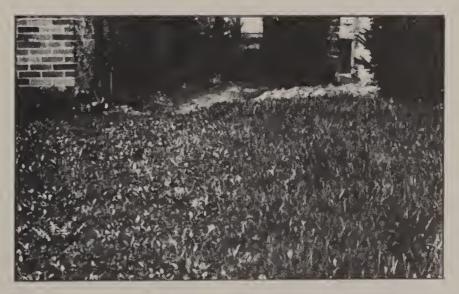
EWERAGE COM

## MILORGANITE

Than Any Other Fertilizer

For home use, Milorganite is packed in canvenient 100, 50, and 25 lb. bags. Yau will find camplete instructions for use in every bag.

> 25-lb bag, \$1.00; 50-lb bag, \$1.75; 100-lb bag, \$2.75.



No Fertilizer Used Here — Nate weeds and the ragged, thin, impaverished grass.

Milarganite Used Here— Note how the dense, luxurious grawth has chaked out weeds.

#### INSECTICIDES and FUNGICIDES

Notice: Poisons and Fluids are not mailable.

Antube. Antube is the greatest and easiest used remedy for killing ants. Packed in tube similar to tooth paste. Just squeeze one drop on the anthill and within 24 hours the colony has been killed. Will work effectively indoors also.



Household tube, 35c. Large tube (500 drops), \$1.00. Per dozen box, \$4.20. Per dozen box, \$9.25.

Arsenate of Lead. (Dry). A stomach-poison; effective for use against leaf-eating insects. Lb. 30c.; 4-lbs., 85c.; 25-lbs., \$4.75; 100-lbs., \$18.00.

Beetle Dust. Combined insecticide and fungicide, prepared especially for the control of the Mexican Bean Beetle, and certain bean diseases. Can be dusted or sprayed. 1-lb., 25c.; 4-lb. bag, 85c.; 100-lb. drum, \$22.00.

Black-Leaf 40. (Sulphate of Nicotine). A concentrated, liquid, contact insecticide. Oz., 35c.; 5-oz., \$1.00; lb., \$2.10; 2-lbs., \$3.10; 5-lbs., \$5.85; 10-lbs., \$10.15.

Bordeaux Mixture. (Dry). Invaluable fungicide. Lb. 30c.; 4-lbs., 85c.; 25-lbs., \$4.75.

Bug Death. A non-poisonous powder, invaluable

against leaf-eating pests wherever the use of poisons

may be objectionable. Lb., 35c.; 5 lbs., \$1.25.

Copper Solution. (Ammoniated). A liquid fungicide. Does not stain foliage. One quart, diluted with water makes 25 gallons of spray. Qt., \$1.50; gal., \$4.00.

Cyanogas A-Dust. Effective against ants, moles, rats, woodchucks, etc. ½ lb., 45c.; lb., 75c.; 5-lbs., \$3.00. Cyanogas G. Fumigant. For greenhouse fumigation. 5-lbs., \$3.00.

Evergreen. A concentrated contact insecticide; non-poisonous. Kills cut-worms and certain other leaf-

eating insects, as well as many sucking insects. Oz., 35c.; 6-oz., \$1.00; 16-oz., \$2.00.

Fish Oil Soap. An excellent plant-wash. Lb., 40c.; 5-lbs., \$1.35.

Flowers of Sulphur. For use against mildew. Lb., 15c.; 5-lbs., 50c.

Fungtrogen. An efficient fungicide, specially prepared for use on roses, but equally effective for the control of mildew and blight on many other garden plants. ½-pt., 75c.; pt., \$1.25; qt., \$2.00; ½-gal., \$3.50; gal., \$6.00.

Grape and Rose Dust, Hammond's. Very effective in destroying mildews and in preventing blights in greenhouse or in the open. Lb., 35c.; 5-lb. pkg., \$1.00.

Imp. Soap Spray. An efficient contact insecticide, containing preventil vegetable poisons.

containing powerful vegetable poisons. Specially recommended for use on roses and rhododendrons. Qt., \$1.00; gal., \$3.00; 5-gals., \$12.00.

A valuable contact insecticide; particularly recommended for control of many insects that attack

house plants. Pt., 50c.; qt., 85c.; gal., \$2.50. Lime Sulphur. (Dry). A reliable fungicide for dormant spraying of fruits and ornamentals against scale and blight. Lb., 30c.; 5-lbs., \$1.25; 10-lbs., \$2.00; 25-lbs., \$3.50.

Nico-Fume Tobacco Paper. For fumigating greenhouses. 24-sheets, \$1.25; 144 sheets, \$4.75; 288 sheets, \$8.25.

Nico-Fume Liquid. 1-lb. can, \$2.25; 4-lb. can, \$5.75; 8-lb. can, \$10.00.

Nico-Fume Powder Pressure Fumigator. Supplied in a special tin in which the powder is burned under pressure, producing finely divided fumes that quickly fill the house. 1-lb. can, 75c.; 6-lb. can, \$3.75; 12-lb. can, \$7.00.

Nicotine-Pyrox. A combination insecticide and fungicide; controls sucking and chewing insects and checks fungous diseases of plants. 1 lb., 50c.

Pomo-Green with Nicotine. Combined poison and fungicide in leaf-green powdered form; for dusting or spraying, as preferred. Efficient all-round dust or spray for roses and other ornamentals. Lb., 75c.; 5-lbs., \$3.00.

Pyrox. A combined insecticide and fungicide for use against leaf-eating insects and blights. Lb., 50c.; 5-lbs., \$1.75, 10-lbs., \$3.25; 25-lbs., \$6.50.

Red Arrow Insect Spray. A powerful contact insecticide, combining extract of pyrethrum with soap. Non-poisonous. Oz., 35c.; ¼-pt., \$1.00; ½-pt., \$1.75;

pt., \$2.50; qt., \$4.00.

Scalecide. (With Fungicide). An effective winter wash for trees infested with scale. Qt., 60c.; gal.,

\$1.50; 5-gals., \$5.00; 10-gals., \$10.00. **Semesan.** A seed and soil disinfectant. dusted or used as a liquid solution. 2-oz., 50c.; lb., \$2.75.

Snarol. Effective against cut worms, slugs, snails and similar pests. 1½-lbs., 35c.; 4-lbs., 85c; 15-lbs., \$3.00.

Sulfocide. A fungicide, particularly valuable for summer spraying. Qt., \$1.00; gal., \$2.75.

Sunoco Spray. A miscible oil winter wash and spray.

Gal., \$1.25; 5-gal., \$5.00.

Slug-Shot. A standard remedy for currant worms, rose slugs, cabbage worms, etc. 1-lb., 25c.; 5-lbs., \$1.00; 25-lbs., \$4.00

Slug-Shot Liquid. We offer this to be used as a spray. 1-oz., 35c.; 6-oz., \$1.00; 16-oz., \$2.25.

Tanglefoot. A paste preparation for painting around the trunks of trees. Caterpillars and other crawling pests cannot get over it. 1-lb. can, 65c.; 5-lb. can, \$3.00; 10-lb. can, \$5.65.

Tree Paint. Cabots Tree Healing Paint is a carefully prepared bituminous paint for protecting the surface of exposed live wood and preventing decay. Black, elastic, quick drying coating that excludes moisture and prevents sap evaporation. 1-gallon, \$2.00; 5-gallon can, \$8.00.

Tobacco Dust. For dusting on the foliage and around the plants. Lb., 15c.; 5-lbs., 50c.; 25-lbs., \$2.25, 100-lbs., \$7.00.

Tobacco Stems. 30-lb. sack, \$1.25; 100-lb. sack, \$4.00. Volck. A powerful, non-poisonous contact spray; odorless; colorless. Especially effective in controlling aphis, red-spider and scale. Pt., 60c.; qt., \$1.00; gal., \$2.50; 5 gals., \$12.00.

Wilson's O.K. Plant Spray. An efficient all-round ½-pt., 40c.; qt., \$1.00; gal., \$3.00; contact spray.

5-gals., \$12.00.

Weed Exterminator, "Herbicide." An occasional application will keep gutters, paths and roadways clear of all weeds. Dilute with water 1 to 40. Qt., 70c.; gal., \$2.00; 5-gals., \$7.50.

X.L. All Liquid Insecticide. An English preparation for spraying for Mealy Bug, Red Spider, and other

insects. Per gal., \$10.00.

Dog-Skat. An odor producing paste contained in lead tube to be hung by special wire inside the foliage of evergreens and other shrubs. This odor is hated by dogs, cats and rabbits. Not affected by rain or snow. Always working. Not objectionable to humans. Per tube, 50c.; per dozen tubes, \$5.00.

Crow Repellent. A seed dip which prevents crows and other birds from pulling corn, peas, sweet peas, etc. Small can does one bushel corn. Small can, 60c.; large

can, \$1.00.

SPRAYER and DUSTERS. We carry a complete line of small, medium and large sprayers at prices from \$1.25 to \$115.00. Write for details.

#### GARDEN TOOLS and HORTICULTURAL **SUNDRIES**

Asparagus Knife. For cutting asparagus; can also be used to dig out weeds in the lawn. 50c. each.

Cultivator, Adjustable. Forged steel teeth, wood handle. 3-tooth, 4 foot handle, 75c.; 3-tooth, 8-in. handle, 50c.; 5-tooth,  $4\frac{1}{3}$ -foot handle, \$1.00 each.

Edger, Turf. Grass-edging knife. Polished steel blade; 4-foot, polished hardwood handle. \$1.35 each.

Flower Pots, Clay, Hew's Standard. Measurements inside; width and depth equal.

	Doz.	100		Doz.	100
2 in	.25	1.50	5 in	.90	6.75
$2\frac{1}{2}$ in	.30	2.00	6 in	1.40	10.00
3 in		2.50	7  in	2.25	17.00
$3\frac{1}{2}$ in	.40	3.00	8 in	3.25	24.00
4 in		3.75	9 in	4.50	
$4\frac{1}{2}$ in	.75	5.00	10 in	6.50	
. –			, Hews Standa	rd.	

		Doz.	100		Doz.	100
31/2 in	a	.35	2.50	7 in	1.10	8.00
4 in	1	.50	3.25	8 in		
5 in	1	.60	3.75	9 in	1.90	14.00
				10 in		

Flower Pots, Paper, Improved Neponset, Unbreak-

	100	1000		100	1000
21/4 in	.50	3.75	4 in	1.25	9.50
$2\frac{1}{2}$ in			5 in	1.75	15.00
3 in	.75	6.00	6 in	2.00	16.00
$3\frac{1}{2}$ in					

Fork, Hand. Four cast steel prongs, polished wood handle. 50c. each.

Fork, Manure. 5-tine, wood D handle, strap ferrule. \$2.00 each.

Fork, Manure. 5-tine, long handle, strap ferrule. \$2.25 each.

Fork, Spading. 4-tine, wood D handle, strap ferrule. \$2.00 each.

Grafting Wax. 1/4 lb., 20c.; 1/2 lb., 30c; lb., 50c.

Hoe, Garden, Socket Pattern. 71/2 in. steel blade, selected hardwood handle. \$1.25 each.

Labels, Wood. Markers for plants.

	Plain or Painted	Plain	Painted
	Per 100	1000	1000
4 in. pot label	30	1.80	2.20
5 in. pot label	35	2.00	2.50
6 in. pot label		2.50	3.00
8 in. garden label		6.50	8.00
10 in. garden label		8.25	9.00
12 in. garden label		10.50	13.00
3½ in. tree label, copper			
wired		2.50	3.00

Mat, Straw. For the hot-bed. Hand-made of selected rye straw. 6 x 6 ft. \$3.50 each.

Mat, Hot-bed. Made of heavy cotton-duck, dyed brown, reverse side burlap; filled and quilted; covers two sash. 76 x 76 in. \$5.50 each.

Pencil, Indelible. For marking labels; black. 20c. each.

Shears, Tree Pruning. H. K. P. Forester



No. 1.	Capacity	13/16	ın.			 	 	.20	in.	long	<b>\$4.25</b>
No. 2	- "	$1\frac{1}{2}$	4.6			 		27	6.6	64	5.50
No. 3	"	2	66				 	. 34	"	"	7.00



Hotkaps are made of a specially prepared waxed paper and are cone-like in shape, measuring about 11 inches in diameter at the base and coming to a point at the top. When placed over the plants and held firmly in place by the soil around it, Hotkaps become individual miniature hothouses. They are reinforced by a strip of heavily

Note.—To insure proper ground ventilation, it is important that Hotkaps are not set more than from 1/4 to  $\frac{1}{2}$  inch in ground.

Hotkaps, 25c. per doz.

Special Pkg. containing 100 Hotkaps, 1 Papier-mâché Garden Setter, and 1 Steel Tamper, \$2.50.

Special Pkg. containing 250 Hotkaps, 1 Papiermâché Setter, and 1 Steel Tamper, \$3.75.

Plant Tubs, Heavy Cedar. Made of selected cedar, painted green, with handles. Outside measurements.

N	o.	Diam	H	eight	Price	No.	Diam.	$H\epsilon$	eight.	Price
2	26	in.	20	in.	\$14.00	7	17 in.	14	in.	\$4.25
3	24	in.	181/	½ in.	9.00	8	16 in.	13	in.	3.75
4	22	in.	17	in.	7.25	9	14 in.	12	in.	3.25
5	20	in.	16	in.	6.25	10	12 in.	91/2	in.	2.50
6	18	½ in.	15	in.	5.00					

Plant Tubs, Richmond Cedar. Made of selected white cedar; painted green. Electrically welded wire hoops. Inside measurements.

No.	Diam.	Each	No.	Diam.	Each
6	11 in.	\$1.25	10	15 in.	\$2.50
7	12 in.	1.50	11	16 in.	2.75
8	13 in.	1.75	12	17 in.	3.00
9	14 in.	2.00	13	18 in.	3.50

Pruning Saw, Double-edge. 18 in. \$1.75; 20 in., \$2.00.

Pruning Saw, York State. 20 in. \$1.75.

Raffia. For tying plants to stakes, etc. Lb., 40c.; 10 lbs., \$3.50.

Rakes, Steel Garden. Long teeth. 12 teeth, \$1.10; 14 teeth, \$1.20; 16 teeth, \$1.30.

Rakes, Steel Lawn. Short teeth. 12 teeth, \$1.25; 14 teeth, \$1.35; 16 teeth, \$1.50.

Rakes, Wood Hay. 2 steel-bow; 14 wood teeth, \$1.10 each.

Rakes, Wood Lawn. 3 steel bow; 24 good teeth. \$1.25 each.

Shovels, Ames. Round or square point; D-handle or long handle. No. 2, \$2.25 each; No. 3, \$2.50 each.

Spades, Ames. D-handle or long handle. No. 2, \$2.25 each; No. 3, \$2.50 each.

#### **GARDEN TOOLS and HORTICULTURAL SUNDRIES, Continued**

Stakes, Garden, Green-painted, Tapered and Pointed. Made of fine quality wood, painted dark green. For general garden purposes.

Light	Round St	akes.			
Ft.	Doz.	100	Ft.	Doz.	100
2	\$0.50	\$3.50	4	\$1.50	\$11.50
3	1.00	7.50	5	2.00	15.00
Heav	y Round S	takes.			
		100	Ft.	Doz.	100
3		\$12.00	5	\$2.50	\$18.00
4	2.25	16.00	6	3.00	22.00
Light	Square S				
Ft.	Doz.	100	Ft.	Doz.	100
2	\$0.35	\$2.50	4	\$1.25	\$10.00
2 3	.75	6.00	5	2.00	14.00
		0,00	6	2.25	15.00
Heav	y Square S	takes.			
Ft.		100	Ft.	Doz.	100
	\$2.00				\$22.00
$\bar{5}$	2.50	18.00	Ŭ	•	<b>V</b>
			reen	Painted. F	or garden
	d greenhous				01 801 00-
Ft.		1000			1000
11/2		\$5.00			\$ 9.00
2	.85				12.00
$2\frac{1}{2}$	.90	7.00	5	2.00	18.00
	es. Japan			Strong and	durable.
5/8	in. to $\frac{3}{4}$ in	. diameter	•		
Ft.	Doz.	100	Ft.	Doz.	100
4	\$0.75	\$6.00	8	\$1.25	\$8.00
6	1.00	7.00			

Silkaline. Smilax Thread. Spools 40c. each, box of 8 spools, \$3.00.

Thermometers, Wilder's. Heavy Japanned tin case. 8 in. \$1.40; 10 in. \$1.55.

Trellises. Shipped direct from factory; crating, if necessary, will be charged at cost.

Veranda Trellis, Green-painted. Selected wood; for climbing roses and vines. Height, 6 to 12 ft.; width, 18 in. to 36 in.

Lattice Trellis, Green-painted. Height, 6 to 12 ft.; width, 18 in.

Fan Trellis, Green-painted. Height, 2 to 8 ft. Prices of above Trellises upon request.

Trowel, Garden, Planet Jr. Lifetime. Extra-hard steel; comfortable wooden handle. 70c. each.

Trowel, Bulb, Planet Jr. Lifetime. Specially designed for transplanting or for planting bulbs; extrahard steel, comfortable wooden handle. 70c. each.

Twine. Soft Jute. ½-lb. balls 20c. each, \$2.00 per dozen balls. 1-lb. balls 35c. each, \$3.50 per dozen balls.

Weeding Hooks, Excelsion, 5 prong; short wood handle, enameled. 25c. each.

Wheelbarrow, Garden. Wood wheel; hardwood frame, painted dark green. No. 4, \$7.50 each; No. 5, \$8.00 each.

Watering Pots, Galvanized Iron. Extra heavy; long spout; coarse and fine rose included. 6 qt. 21 in. spout, \$5.50; 8 qt. 23 in. spout, \$6.00; 10 qt. 25 in. spout, \$6.50; 12 qt. 25 in. spout, \$7.00.

### Sprayers for Golf Links, Estates and Parks

The care of trees, shrubbery, greens, fairways and other plant life to protect them from the ravishing action of various pests and diseases is a very serious matter. The insecticides to be used are very important but no more important than the mechanical means of application.

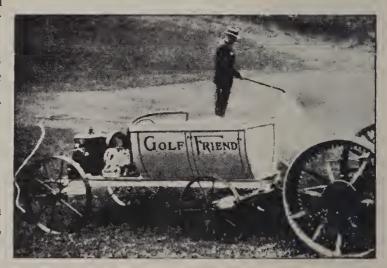
To make an investment in equipment of this kind worth while, extreme care must be used in the selection of the sprayer as protection for now and the future.

First of all a sprayer must be recognized as the best that can be obtained. It must have the latest, most efficient design and be built to withstand not only ordinary wear but the action of chemicals that may be used.

Price is not a governing factor. You want results. A good sprayer may be the means of saving thousands of dollars worth of plant life.

FRIEND Sprayers for Golf work are made in all sizes and models. Divided tanks, wide tires, gun, and hose.

#### Golf "Friend" Sprayers









## Sprinklers and Hose Fittings



#### Stayflat Sprinkler

A Multiple Spray Head made of wrought brass with die cut threads, mounted on enameled steel base. No adjustment necessary.



#### **Multiple Spray Heads**

Multiple Spray Heads may be connected in series. Connect them between short lengths of hose and sprinkle a large rectangular area from a single hose. Excellent for newly seeded land or shrubs.



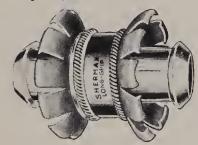
#### Portable Sprinkler

A Multiple Spray Head of heavy cast brass, nickel plated and mounted on heavy enameled steel base of ample length. No adjustment necessary.



#### Lark Sprinkler

The new model Lark with adjustments is meeting the approval of exacting users. Will cover a circle of 125 feet on 50 lbs. flowing pressure, and a 60 foot circle at 15 lbs. pressure.



Hose Mender

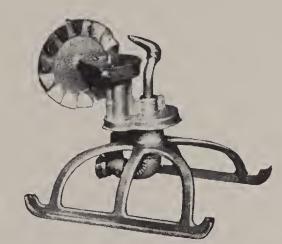
mer down-that's all.

Specify size hose.

Slip it in the hose and ham-

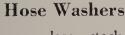
#### **Hose Coupling**

Specify size hose.



#### Toro Rotary Sprinkler

A strong, durable and light rotary type sprinkler. Nozzle adjustable. Spray wheel cast metal. This sprinkler gives universal satisfaction under average conditions. Always reliable.



We carry a large stock of high grade hose washers. Sold only by the pound.



#### Hose Bushing

3/4 inch Hose Thread Female, 1 inch Iron Pipe Thread Male.



#### Hose Reducer

1 inch Iron Pipe Thread Female, 3/4 inch Hose Thread Male.



#### Siamese

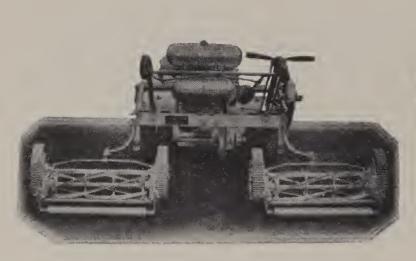
Heavy cast brass hose line divider. Made in two sizes.



#### Gooseneck

This device will prevent kinking of hose and outlet. Nickel plated heavy casting.

#### Toro Power Mowers



#### Toro Power Mower with Trailer Mowers

Detailed description of the TORO Power Mower will be found on other pages.

Any TORO Power Mower may be equipped with these two, 17" or  $18\frac{1}{2}$ " four or five blade trailers.



#### Toro Power Mower Riding Cart

This riding cart may be attached to any TORO Power Mower now in service.

Strong, yet light running, pneumatic tires.

#### Toro Park Special with Sickle Bar Attachment

The sickle attachment is readily attached or detached and affords the easiest possible means of dealing with those patches that formerly required either men with scythes or horse-drawn farm machines.

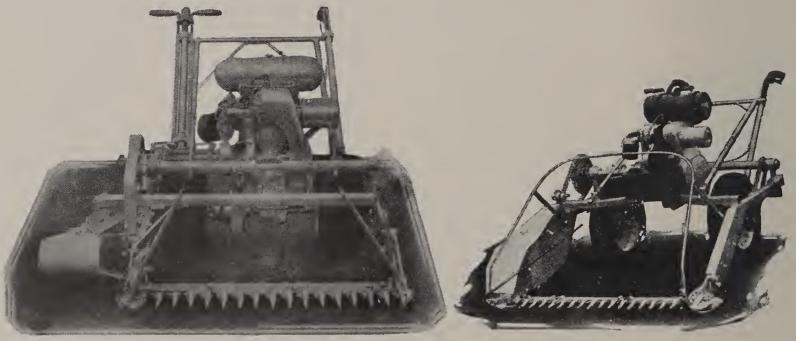
#### Toro Park Special Renovator Attachment

(Not illustrated)

This attachment is well adapted to renovating greens or any turf which is hard and hide bound. The slicing may be done in several directions, thus aerating the roots and permitting moisture to enter. Depth of cut may be adjusted by center castor wheel.

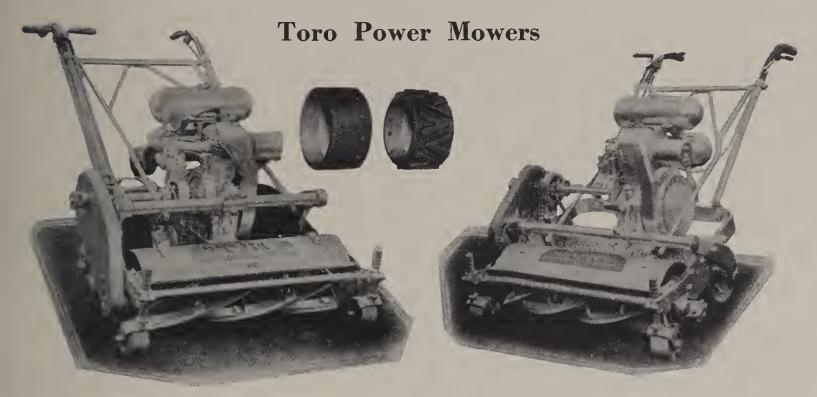
#### Toro Parkway

A highly efficient pneumatic tired sickle bar mower substantially built but perfectly balanced and easily handled on roughest ground. Excellent for roadside ditches, railroad rights-of-way, parkways, cemeteries, or any rough, difficult cutting.



Toro Park Special 30-Inch Sickle

Toro 36-Inch Parkway



Toro "Park Special" 30-inch

Toro "Estate Special"
30-inch

The TORO Line of Power Mowers is the most complete range of sizes, models and types offered today. This permits correct selection of proper machine for your conditions.

They are powerful with the TORO Single cylinder, 4 cycle air cooled motor. Motor equipped with silent alloy steel gears, enclosed chrome valves, high tension magneto, double sized muffler, crank starter, air cleaner, Tillotson adjustable carburetor, plunger type oil pump, counterbalanced flywheel running on two large SKF ball bearings.

Dual lined clutches operated by separate levers from dual spring mounted handle bars. Easy to operate and always in perfect balance.

Large diameter reels easily removed for service or to install special attachments for other duties. All models equipped with self-sharpening attachment operated by the motor. Reel blades and stationary knife of chrome vanadium steel. Knife is reversible type.

Grass catchers and riding sulkies may be attached to all models. Motor has ample reserve power to also pull trailer mowers. Park Junior may be equipped with Briggs & Stratton motor if so desired.

Roller ratchet differential prevides perfect traction and easy turning without the slightest damage to turf.



Toro "Fairlawn" 24-inch



Toro "Parklawn" 27-inch

WRITE US, GIVING AREA TO BE MOWED AND OTHER CONDITIONS—WE WILL QUOTE ON SUITABLE MODEL

## A REAL GOOD SMALL MOWER FOR THE AVERAGE RUNE DOWNER

THE designing and engineering still which has brought the larger power mowers to a high degree of mechanical particular, is available to the thousands of home owners who have lawns ranging up to an acre in size. The Homelawn is the latest development in small sized mowers and brings to you a thoroughly salisfactory power grass cutting machine at a very favorable price.

#### SPECIFICATIONS

Service Strategies (1945) Strake 1946) On bath six cleaner, 1944 quart van tank.

steel construction throughout, light and sary

Cold amount of individual all by

blades in the countries, each to de controlled from handle grooved theave and V belt from holds of chair to cha

Pressed steel 915 inches in clameter, 11/2 inch brasel.

134 Pounda 

#### OPERATES LIKE HAND $M \cap M \cap M$

Without disengating the real the operator can push the mover is and eround trees and shrubbery for trimmins.

So light in weight, due to strong pressed steel construction, the moves can be pushed by he

## Toro Equipment

The New Toro Power Roller

Hand rolling has always been an exceedingly tiresome job so that in hand rollers of sufficient weight it has been necessary to use at least two men. The new Toro Power Roller follows closely the lines of larger power rollers used extensively in street paving jobs. It rolls a swath 30 inches wide, weighs close to 1200 pounds, including the weight of the operator, and is equipped with forward and reverse gearing, eliminating the necessity of frequent turning.

The motor is a Toro standard single-cylinder, air-cooled, four-cycle motor and provides a speed range of up to 3½ miles per hour. Superintendents of Golf Courses, Cemeteries, City Parks, Tennis Courts, Universities, and Golf Course Architects will find the new Toro Power Roller a very worthwhile and valuable piece of equipment.



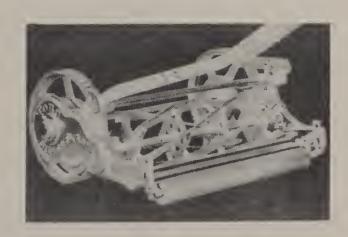
## The Toro Trojan Fairway Mower

Light running and built up to the finest mechanical standards of the present day. It has a six-blade reel, machine-cut steel gears, oil tight housings, adjustable roller brackets, one lever sliding pinion throwout, reversible double edged bed knives, SKF and Hyatt roller bearings. Width of cut 30 inches—America's finest fairway mower.

#### The New Silver Flash Hand Mower

The TORO Silver Flash is the final answer to the demand for a thoroughly high grade Mower for every day use where dependability and endurance are required, in combination with lightness and easy running.

All gears operate in a bath of semi-fluid transmission grease, and are tightly enclosed in machine fitted case. The cutting elements, consisting of reel and bed knife, with bed bar, are united into an independent unit, including the self-aligning ball bearings for the reel, and the bed bar adjustment. Therefore no amount of twisting or straining can affect the adjustment, which insures a clean cut under all conditions. Wheels are on ball bearings.



4 Blade machine, 17'' or  $18\frac{1}{2}''$ 

6 Blade machine, 17"

8 Blade machine, 17" Grass Catcher for either size Silver Flash Mower

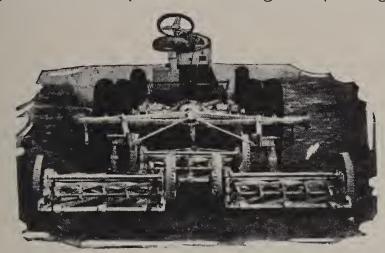


### Toro Husky Model C General Utility Tractor



The new Toro Husky Model C Tractor has been developed to fill the demand for a shorter wheel-base machine.

The wheel base is only 71 inches. Turning radius of  $6\frac{3}{4}$  ft. It is very powerful and will pull 7 units up a 20% grade in high gear. Speed up to 15 miles per hour. Weight is just right, 1790 pounds



## Three Unit Pull Type Universal Hitch (Cutting Swath 7 feet)

This hitch with three TORO Trojan or Super mowers may be pulled behind any make of tractor. Can be extended at any time into a 5-7-9 unit gang.

#### TORO Premier 20 inch

Full 20 inch cut machine. One horsepower motor. Can be had with steel wheels or pneumatics. Grass box easily attached. Capacity 2 acres per day.



Meyer Bantam Snow Plow



TORO Premier 20 inch

## FOR LONG AND FAITHFUL SERVICE . . . SPECIFY TORO



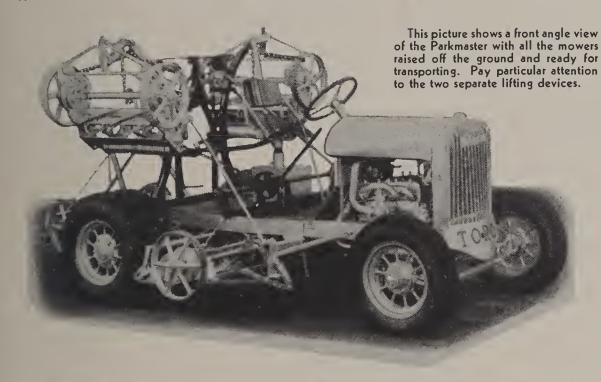
#### A NEW VERSATILE MACHINE THAT WILL DO FOUR JOBS

Cut Grass - Mow Weeds - Transport Itself - Plow Snow

THE Parkmaster is a definite answer to the present day problem of trying to maintain an expanded acreage with a lowered budget. Here is a new and marvelously efficient machine with a maximum capacity of 68 acres per day equivalent to the amount of work that can be done by eight to ten power mowers or twenty-five to thirty hand mowers. But that is not all, for in addition to cutting fine lawn it will also mow tall grass, weeds and rank growth of any kind with the thoroughly efficient five-foot sickle bar, and on top af that, it will transport itself from place to place on hard surfaced roads and climb a standard eight-inch curbstone.

The design and engineering of this master mower has required eight years of development. It was in 1930 that the first successful lifting type tractor mower was built, which was of the three-unit type, shown on the preceding pages. From then until the present time the machine has undergone constant refinement and improvement until now from a performance standpoint it is a highly efficient and dependable piece of mechanism.

All over the country there has been a tremendous increase in the number of lawn acres. The expansion of school grounds and park systems has been so great that it is no longer possible to cut them with the smaller mowers that were amply large enough five years ago. Today a machine has to be not only of large capacity, but it has got to be versatile enough to handle more than one job. The Parkmaster is the newest type and will find a large market because it will do four jobs and do them well—cut grass—mow weeds—transport itself—plow snow.



The vertical hand lever at the right of the driver's seat raises the two front and one rear mowers simultaneously. The vertical lift directly back of the driver's seat raises the two outside mowers.

Bear in mind that the lifting mechanisms and the five mowers can be disconnected from the tractor in twenty minutes' time. This permits the Parkmaster to be used for snow plowing in the winter or general utility work at other times.



#### QUESTIONS AND **ANSWERS**

- Q. What tractor do you use? A. The Master A
- Q. Can any other tractor be
- A. No.
- Q. What make of engine?
- A. Ford Model B with self-
- Q. What is the speed of this machine?
- A. Standard gear shift with heavy - duty transmission. Speeds: 1-3 low, 3-7 second, 15 in high gear.
- Q. How fast can this machine mow grass?
- A. Under average conditions five miles per hour. Under favorable conditions 8-10 miles per hour when Trojan highspeed mowers are used.
- Q. What is the maximum capacity of this machine?
- A. With five mowers and at six miles per hour, the Parkmaster has a maximum capacity of 67.88 acres per day.
- Q. What grades will it climb? A. With dual pneumatics, which are what we recommend, the Parkmaster will easily climb
- a 25% grade. Q. Why do you put two mowers in front of the wheels and the rest behind?
- A. Because you get a better job of cutting and the machine is more easily balanced.
- Q. Will the mowers clear a standard height curbstone when raised?
- A. Yes, easily.
- Q. Can a sickle bar be used with these reel mowers?
- A. Yes.



## WORCESTER QUIET-MO DELUXE LAWN MOWER





A high quality medium-priced lawn mower for close mowing of fine turf. Drive wheels and rear roller are mounted on rubber, which is guaranteed from creeping or coming off in service.

Wheels—10 inch closed type. Blades—5 nardened crucible steel. Bearings—Hardened, polished steel balls. Cone adjustment. Bed Knife—Heavy lipped chrome steel, hardened, screwed to bed bar.

Roller—Rubber covered maple on ball bearings.

 Width of cut. 7....
 15
 17
 19
 21 inches

 Weight ......
 41
 43
 45
 48 pounds

 Price .....
 \$16.50 \$17.50 \$18.50 \$19.75

#### WORCESTER INVINCIBLE HAND MOWER

(not illustrated)

This model of mower is classed among the high grade, low-priced machines. A very large production makes this possible. It will be found specially adapted for mowing around traps, bunkers and other areas of more or less rough ground. It is our best offering of a low-priced machine.

Wheels are 10 inches high and open type. Held in place with nut and not cotter pins.

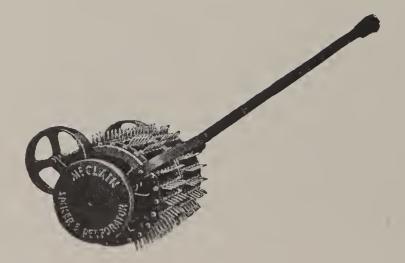
Blades are high carbon crucible double ground edge steel. Bed knife is lipped and attached to bar with screws. Reel mounted on hardened balls and adjustable cones.

Model	14"	16"	18"
4 Blade Invincible	\$7.35	\$7.60	\$8.35
5 Blade Invincible	7.50	,	

#### EDGER OR TRIMMER

The American Trimmer as shown on page 21 is continued in our line. The Worcester is a ten-inch two-wheel trimmer with a five blade reel.

Worcester 10-inch Trimmer.....\$10.00



#### McCLAIN SPIKER AND PERFORATOR

The McClain Spiker contains 300 unbreakable stainless steel spikes. It will spike a width of 20 inches. Equipped with 2-50 lb. removable weights and transport wheels. Hand or power operated.

Price, \$175.00 Tractor type hitch, \$5.50

Spike diameter 5/16" Length 13/4". Weight 220 lbs.—without removable weights.



#### Planet Jr. Fertilizer Distributor

A new type of fertilizer distributor, designed for spreading chemicals, etc., on greens and other areas of grasses. Material drops onto square type rotor, which insures even distribution. Feed adjustable for light or heavy applications. Will

handle Sulphate, Milorganite, Arsenate of Lead, Calomels, Nu-Green, Semesan, Cottonseed, Bone and Mowrah Meals, Lime, Sand. Some of these may be mixed with sand. The spread on the ground is from 4 to 30 in. and from 100 to 2000 lbs. of commercial fertilizer per acre can be distributed. Trigger operates feed.



#### The Cyclone Grass Seeder

For over 40 years the Cyclone has been rec-

ognized as the leader in its field.

Double-feed prevents clogging and insures even flow of seed which means uniform seeding. Bag of ½ bushel capacity, heavy duck.

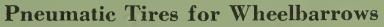


Here we have a simple, sturdy and efficient machine solving the problem of even distribution of fertilizers.

It has a shut-off control and adjusting device right on the handle. Shuts off instantly. Every inch of ground covered but no surplus anywhere to burn the grass.

#### Hauck & Aeroil Weed Burners

Write for complete folders describing these burners and the various uses.



This is a specially designed tire with proper hub and axle to fit

any standard wheelbarrows.

With the use of this tire you can double the load on the wheelbarrow and push onto the green. It will not leave a mark. Eliminates the laying of boards when top dressing. Stops all noise when transporting over stones, gravel or hard surface roads and walks.

Can be had with plain or roller bearing.

When ordering give length of present hub and diameter of axle.



#### Golf Barrow

A wheelbarrow designed especially for use on Golf

Courses and in Cemeteries and Parks.

The wheel has a crowned face, four inches wide, which allows it to carry a heavy load over turf without marking, as experienced with ordinary barrow. The shoes on the legs are extra wide.

Capacity, 3½ cu. ft. Weight, 70 lbs.



